The WHITIN Spindle

A View from the Office Window

JAN. - FEB.
1925
Vol. 6 No. 1

Paul Wheeler

Earl E. Hammond

Alex T. Brown
Margaret M. McKaig
Harry Colbrook

George C. Newbegin

John H. Ames

The WHITIN Spindle

VOLUME 6 WHITINSVILLE, MASS., JANUARY–FEBRUARY, 1925 NUMBER 1

Promotions and New Members of the Past Two Months

During the month of January and February there have been two promotions in the shop among the assistant foremen. Alex T. Brown was made foreman of the Milling Department and Fred Burroughs was appointed foreman of the small Planer Department. From the shop employees Earl E. Hammond, automatic screw machine operator, was promoted to the Production Department.

There have been three new members added to the office force, Miss Margaret M. McKaig in the Main Office, John H. Ames in the Production Department, and Harry Colebrook in the Drafting Room.

In the Blacksmith Shop George Newbegin was appointed foreman to succeed Charles T. Burlin, who resigned last month.

A short outline of their previous experience follows:

John H. Ames began his industrial experience in the Foundry and Core Room of L. Schreiber & Sons Company and John B. Morris Foundry of Cincinnati, Ohio. This was in June, 1910. At the same time he entered the University of Cincinnati Engineering College, graduating from that university in 1915 as a metallurgical engineer. From July, 1912, until July, 1923, he was connected with Lunkenheimer of Cincinnati, during which time he worked a year in the Machine Shop on milling machines and lathes, a year on cost and time keeping, eleven months at heat treating, and was for several months in charge of the heat treating department. He also spent a year in the Sales Department. In August, 1917, he enlisted in the U. S. Army and was a first lieutenant in the Ordnance Department. He was an army inspector of ordnance at various arms ammunition manufacturing plants. After the war he returned to the Lunkenheimer plant and spent a year and nine months on metallurgical research work, specializing in brass and foundry problems; and for a year and eight months was connected with the production control and planning department work. From October, 1922, to January, 1923, he was transferred to the sales engineering department, where he had charge of handling special installations and technical advice in connection with sales. In October, 1923, he became Works Manager of the W. S. Merrill Company, Cincinnati, and in October, 1924, Production Manager of Reed-Prentice Company, Worcester, Mass. He started working in our Production Department last month on special control work.

Alex T. Brown commenced for David Smith on the Railway Head Department on January 6, 1890. He was transferred to the Drawing Job in January, 1892, and later worked for a year on the Spooler Department. In 1893 he was placed on the Tool Job under A. H. Whipple, and was appointed assistant foreman of the Milling Job under E. H. Hanny, February 19, 1900. He was made foreman of the department January 1, 1925.

Fred Burroughs started to work in the shop under Fred S. Houghton on the Drawing Job in 1887. From there he was transferred to Malcolm Burbank on the Loom Job and later to Henry Woodmancy on Spindles. He worked for a while under Remington and Burbank on Spinning, and in July, 1894, started as a lathe hand repairing spinning rolls for Lewis W. Smith. On October 24, 1894, he was sent to the small Planer Job under W. G. Blair. The second-hand, Robert Brown, retired in October, 1909, and Mr. Burroughs was made assistant foreman. He was appointed foreman of the department December 29, 1924.

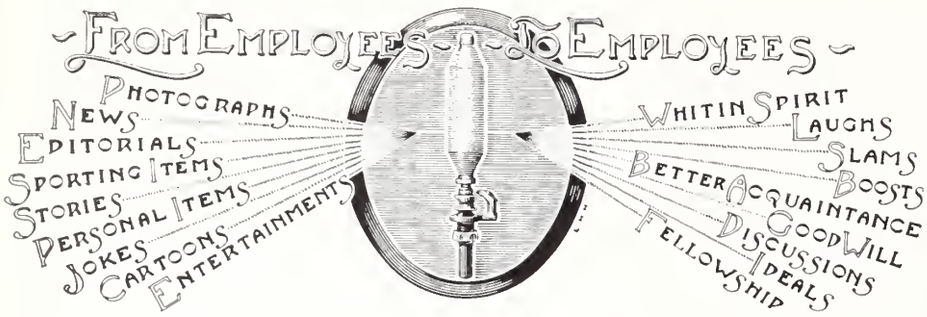
Fred Burroughs

Harry Colebrook attended the Worcester Trade School in 1915, where he took a course in drafting. He was employed in the Drafting Room of the Reed-Prentice Company, Worcester, for ten years. He came to the Drafting Room of the Whitin Machine Works from there February 9, 1925.

Earl E. Hammond came to the Whitin Machine Works at the age of 17, from Monson, Maine, and was employed on the Automatic Screw job under Robert Britton. This is the only department he has worked in here in the shop, but he has had an opportunity to master all the details connected with these complicated machines, having set up and operated all the automatics in the department. He joined the Navy, April 29, 1917, and served throughout the war, being discharged exactly two years from the date of his enlistment. Mr. Hammond started in the Production Department on Monday, February 16.

Margaret M. McKaig graduated from the Northbridge High School in 1918 and from the Woonsocket Commercial School in 1919. In April, 1919, she started to work for James Whitin, Inc., of North Uxbridge. She returned to Woonsocket for a short time to graduate from the Commercial School in June. She was employed at the Cotton Mill until it was closed down in June, 1923. On the seventeenth of June, 1923, she began her duties in the office of the G. Marston Whitin

Continued on page 4, column 2



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

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Let Us Have Contributions from All for the Spindle

It has come to our attention that we neglected a very important notice which should have been printed in the last SPINDLE concerning the death of one of our leading men in the shop. While it is our intention at all times to keep a list of the important events which should be put in the coming SPINDLES, it is often the case that we forget to jot them down or for some reason we do not find out about them. In order that nobody be disappointed and that the SPINDLE shall catalog the important news of the shop, we wish to bring to the attention of everybody that the life of the SPINDLE depends upon its voluntary contributions. We have had wonderful support from the members of the shop, and we hope that they will send in not only the outlines of what has been going on, but will continue to include the photographs and snapshots.

In sending in personal notes, especially, we hope that everybody will consider that it is not right to publish anything in the paper which would tend to hurt the feelings of the individual about whom it is to be published. Bits of humor and interesting episodes should not make out the individual to be either foolish or stupid. The best sports among us all appreciate a good joke on ourselves and we all realize that we do strange things at which our friends have a perfect right to laugh. A real person does not object to being ridiculed in a friendly or harmless way.

It is always advisable to sign your name to any note sent in. In this way it is possible to understand the complete situation by finding out more details from the writer if necessary.

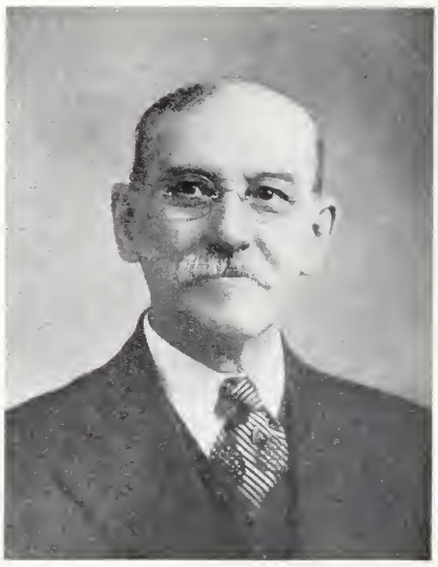
Promotions and New Members of the Past Two Months

Continued from page 3, column 1

Gymnasium, and was transferred to the Main Office of the Whitin Machine Works, Monday, December 22, 1924.

George C. Newbegin is a native of Maine, born in the town of Gorham, November 25, 1888. He served his apprenticeship as a die sinker at Thomas Laughlin Co., a marine hardware concern in Portland, Maine. In 1911 he was employed as a die sinker and drop forger by Billings and Spencer Co. He was promoted to assistant foreman of the die room and had charge of the die sinking school for apprentices. He was made chief inspector of the plant and later production superintendent. In 1922 he was employed by the Winchester Arms Co., New Haven, Conn., as forge superintendent. He entered the Whitin Machine Works in January, 1925, and is in charge of the Blacksmith Shop.

Paul Wheeler came here in 1907 from the Draper Corporation and started on the Tool Job, of which Winslow Tibbets was the foreman. He worked there also under Robert Deane. From 1919 on, in addition to his regular tool work, he acted as first-aid man in the shop hospital. He was made assistant foreman of the Milling Department January 1, 1925.



Edward H. Hanny

Veteran Foreman Retires

On the first of January, 1925, Edward H. Hanny, foreman of the Milling Job, was retired after fifty-one years and ten months of service. Mr. Hanny came here in March, 1873, and served his time as an apprentice in the shop. In 1887 he was transferred from the Spinning Department to take charge of the Milling Job, succeeding the foreman, Leslie Wade. At this time there were eight old style milling machines, then called slabbing machines, on the job, and the department employed five men.

We are sorry to have Mr. Hanny leave us, but after his long service in the shop he certainly deserves a chance to employ his time in other ways. We congratulate him on his long service record and hope he has many years of happiness before him.

Two sure ways of catching a cold—overeating and overheating.

What we call bad luck is often the result of poor judgment.

William G. Plain

Retires in His Fifty-third Year of Service

William G. Blair, foreman of the Planer Department, retired on the first of January, after fifty-two and one-half years of service in the Whitin Machine Works. He was foreman of the Planer Department for thirty-six years and nine months.

Mr. Blair came here in July, 1872, from Norwich, Conn., and started in as an apprentice under Warren Smith on the Roll Job. He also worked under Warfield on the Loom Job. He was transferred from this department to the Tool Job under William Dixon; from there he was sent to the Planer Job as foreman. At that time there were but five men in this department.

Mr. Blair feels that for the sake of his health it will undoubtedly be a good thing for him to discontinue active duties in the shop, but confessed to us that it would be a strange feeling not to have a definite task set out for him each day.

About the first of this month we had an enjoyable talk with Mr. Blair in the office, and he tells us he is enjoying life immensely although sometimes he gets tired of being a gentleman of leisure.

The fox hunters have been having some good drives this winter. The last time we checked up with them George Gill of the Roll Job had two to his credit. The last one was shot on Christmas morning.

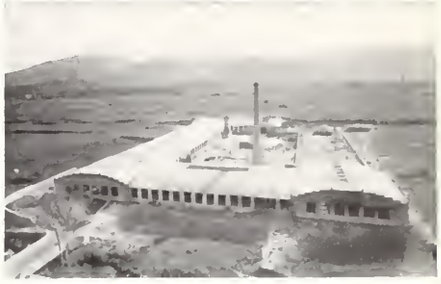
Eclipse of Interest to Whitinsville Residents

The eclipse came on time, or was it five seconds late? Anyway, the majority of the employees of the Whitin Machine Works had ample opportunity to watch the eclipse from its beginning until the last bit of the moon left the circle of the sun. Several groups from the shop took advantage of the closing of the Works on Saturday morning, January 24, and journeyed south into Rhode Island and Connecticut within the zone of the total eclipse. Others of us watched it from our windows or yards and saw a 99% show.

The Eclipse from Castle Hill as photographed by Harry Lees of the Wood Pattern Dept.

Mr. and Mrs. Robert Hargraves are enjoying a new baby at their home on Cottage Street. The baby boy was born January 16, and has been named Roger Brown Hargraves. Mr. Hargraves is a member of the Drafting Room.

Boxed Whitin Machines ready for the Erectors at the Gonzales Cosio Hnos Cotton Mill, Santandar, Spain



Whitin Machinery in Spanish Mill

We received a couple of photographs from Spain where one of our roadmen, William Ferguson, has been erecting machinery this last fall and winter. The photographs are of the Gonzales Cosio Hnos Cotton Mill at Santandar, Spain. Mr. Ferguson is supervising the erecting of this machinery with the aid of Spanish helpers. He also has charge of erecting jobs in several other parts of the continent.

There was a good deal of discussion going around during the days before the eclipse, which undoubtedly was heightened by the interesting reports published by the country's newspapers. On the Card Job there was much disappointment expressed because a rumor was started that the eclipse had been postponed until Sunday due to the inclement weather that was expected on Saturday. As a result, a slight criticism of the idea of closing the shop down on Saturday morning was expressed among several. It was thought that any postponement that was to take place might have been foreseen before the policy of closing the shop was settled.

The Card Job was not the only department in which the postponed story had its followers, but regardless of the desire of some to bring about the eclipse on Sunday, the sun and the moon were evidently in consultation, as they carried out their program as we have already stated, practically on time.

The eclipse has gone from this part of the country for at least another hundred years, and it is doubtful if any of us live to strain our mathematical abilities to figure out the possibilities of another postponement.

Romance of Cotton Machinery

G. H. P. Gannon

Since the design of spindles used in the ring spinning frame was summed up in the last issue of this magazine, it would be advantageous at this point to study the principle employed by the spindle coupled with the ring and traveller in the modern spinning frame.

This ring traveller principle is without doubt the most marvellously designed unit in textile machinery because of its unusual simplicity and high efficiency. The spindle rotates the bolster at a very high speed, often around 10,000 revolutions per minute, and in its attempt to wind on the yarn it pulls the traveller around with it. There are two distinct actions here which happen simultaneously.

1. Each revolution made by the traveller puts one turn twist in the yarn.

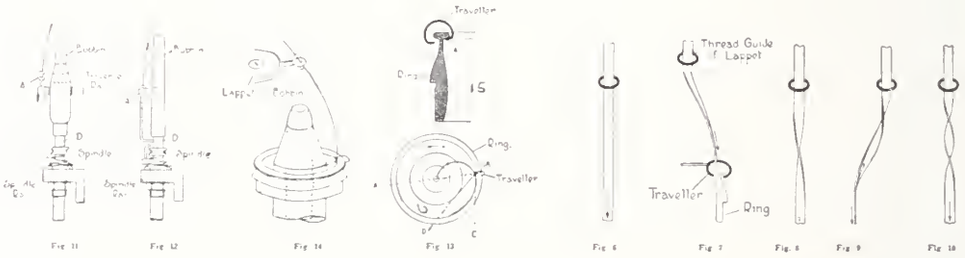
2. The fact that the traveller lags behind the bobbin gives the result of winding the yarn on the bobbin.

Figures 6 to 10 will show clearly the twisting action of the traveller. Let us assume that the thread is a ribbon, as shown in Figure 6, with no twist whatever, and it will be much easier to analyze. Figure 7 shows the resultant twist after one-quarter turn of the traveller. Figure 8 shows the twist after one-half turn of the traveller. Figure 9 shows the twist at three-quarters of a turn of the traveller. Figure 10 shows that the thread has received one full turn twist after the traveller has made one complete revolution.

Let us now consider the winding. If we had a condition like Figure 11, where the traveller was a fixed guide as A, then the bobbin would simply wind on the yarn but there would be no twist.

Then again, if we had a condition like Figure 12, where the traveller is an eyelet fixed to the spindle, the result would be no winding but one turn twist for each revolution of the bobbin.

Figures 11 and 12 show that the winding and twisting must happen simultaneously if the yarn is to be wound on and twisted as we know it is. If the front rolls delivered 200 inches of yarn per minute and the speed of the bobbin were 9,000 R. P. M., and the circumference of the bobbin were two inches, then the traveller must go 8,900 or a difference of 100 revolutions in order to wind up the 200 inches. The reason why the traveller always lags behind the bobbin may be easily seen. As the bobbin rotates at a high speed the yarn tends to pull the traveller toward the bobbin on a line BD, Figure 13, tangential to the outside diameter of the bobbin. This pull BD can be split up into two forces, BA toward the center of the bobbin and BC tangential to the ring. The traveller revolving at a high speed, say about 8,000 R. P. M., tends to fly outward away from the center of the bobbin. It is loosely held by the ring as in Figure 15, and its leg, A, infringes with some force on the inner surface of the top flange of the ring. The force BC due to the mass and velocity of the traveller is very small in comparison to this centrifugal force exerted by the traveller against the ring and can be ignored. Hence, this centrifugal force has a decided retarding action on the traveller's motion around the ring. Moreover, the flying yarn, or ballooning effect of the yarn, between the thread wire and the bobbin has also a retarding effect. These forces are approximately constant, hence the lag is a constant proportion of the revolutions of the spindle. The weight of the traveller is proportionate to the counts of yarn to be spun and the bobbin speed. Therefore, since all the factors governing winding and twisting are approximately constant, the resultant yarn is fairly uniform.



Ring Traveller Principle

Junior Rifle Corps Meets on Saturday Afternoons at Community House

Fifteen members of the Junior Rifle Corps meet at the Community Building, Saturday afternoons, under the direction of Albert Hassan, a member of the Spinning Erecting Department. In most every case the boys had not fired a rifle until they started this last November. Already, two of the members have qualified for pro-marksmanship medals given by the Winchester Arms Company for efficiency. The medals were presented to John Porter, son of Albert Porter of the Blacksmith Shop, and to Philip Walker, son of Philip Walker of the Carpenter Shop Office. To receive medals the boys were required to shoot ten targets at fifty feet, with a score of better than 18 out of a possible 25 points. There are several others who are expected to get their pro-marksman medals very soon. Advanced medals for marksmanship will be presented as soon as a score of 21 or better for ten targets is made. The boys are using the model M4 single shot Winchester rifle with open sights.

Mr. Hassan deserves credit for the interest he has shown in developing these boys in rifle shooting. He is President of the Whitinsville Rifle Club, and one of the crack shots.

Francis Joslin, a member of the Wood Pattern Department, told us of the birth of a baby boy, born December 20, whom he and Mrs. Joslin have named Francis Arthur, after the baby's father and grandfather. We extend our congratulations.

Retires from Fire Department after Twenty Years

Ernest Barnes, foreman of the Comber Erecting Department, was given a rabbit pie supper on February 3, 1925, on the occasion of his retirement from the Whitin Machine Works Fire Department. He was a member for twenty years and was assigned to Company No. 1, which has charge of the Seagraves Pumping Engine. He was presented with a floor lamp and a box of cigars.

After the supper an informal game of cards and volley ball were played by the guests.

No silverware was missing from the supper table, but during the course of the card games several onions were found in the pockets of Leon Barnes, and there was much interest shown in a strange cigarette holder produced from the pocket of Harry Crowthers.

Those present were Ernest Barnes, W. F. Hewes, W. O. Aldrich, Sr., Leon Barnes, William Fullerton, John Scott, W. O. Aldrich, Jr., James Clark, Harley E. Keeler, Charles Mowry, Harry Drinkwater, Harry Crowthers, Frank Perry, Merwin Brown, Winford Jones, Robert K. Marshall, Leland Hemenway, George Poulin, Fred Osgood, Paul Blaine and Frank Fowler.

Yelle Hooyenga, janitor of the Drafting Room, wishes to thank the draftsmen for their Christmas presents, which included 150 cigars, two pounds of smoking tobacco and a warm house jacket. Yelle tells us this combination makes a fine present to look forward to evenings after a hard day's work.

His appreciation also inspired him to tell us one of his famous stories which goes as follows.

"Why does the girl always marry the best man?" The answer being, "Because she invites him to the wedding." We often wonder where Yelle gets all these hilarious jokes.

The Metal Pattern Department has increased its family circle. Two of its members announce the birth of babies in their homes.

The Worth Cotton Mill — Thomas Bass and Herbert Ashworth second and fourth from left
Hearing News from Home Stations — A Texas Long Horn — Real Rabbit Country
Desert Sands — A California R. R. Station Palm Tree

Ralph Orff is the proud father of a baby girl, born December 28. Eleanor has been chosen for her name.

George Kuindersma's baby boy was born on February 11, and has been named Henry.

Anybody interested in the preserving or the growth of luxurious silken hair should talk over their plans with Allen Outhet of the Metal Pattern Department. Mr. Outhet has discovered a scientifically prepared hair tonic which he believes is a wonderful concoction. George Tebeau has already used a generous sample and recommends it highly. In fact, with the aid of the Production Department and several adding machines, they have estimated that Tebeau's hair production has gone up 20%. Mr. Outhet believes in returning worthwhile favors to his friends and has felt that a sample of this glorious hair tonic is one way of expressing his modest appreciation of all their kind deeds of the past. Have you got yours?

In the Southwest with the Whitin Erectors

Three of the Whitin Machine Works roadmen have been at the Worth Mill, Forth Worth, Texas, erecting machinery last fall and this winter. They are Frank J. Adams, Thomas Bass and Herbert Ashworth. Mr. Adams sent us several photographs of the southern country and tells us he is getting some experience rabbit hunting. He included in this collection of snapshots several pictures showing the dogs chasing the fleet Texas rabbits, but evidently they travel so fast that the snapshots are not quite clear enough to reproduce in print.

We are always glad to receive photographs from the roadmen and wish that more of them would let us know about the interesting things that happen on or off the job.

Science placed horse-power under the motor hood but only God can place horse sense under the driver's hat.

Shop Bowling League

In the week ending February 14, the Yard leads in the Shop Bowling League, being six points ahead of its nearest competitor, the Down Homers. With eight more matches to be rolled off, at the time this article was being written, there is a possibility of a close finish. The Down Homers are trying their best this year to come through on top, as they have been on the bottom during the last two seasons. This is the first time the Yard has been represented in the Shop League, although some bowlers on that team have rolled under other departments.

The Shop League is using candle pins while the Office League is using duck pins. An interesting argument is still unsettled concerning which pins pile up the greater scores. There are those who believe in both kinds for big totals. However, in looking over the SPINDLE for the past few seasons, as a rule the individual averages of the shop on duck pins have been higher than those in the office. This year the Office League seems to have higher averages among its leading men, and in the case of Broadhurst, who is rolling 96.6 on duck pins and 94.4 on candle pins, it would seem to point to the fact that duck pins are a little easier to knock over. The point is brought up by the exponents of the candle pins that the two leagues are bowling under different conditions. In the Office League a man rolls his entire string at one time, while in the Shop League the bowlers roll two boxes and then wait until the rest of their team have rolled two boxes before continuing. This has a tendency, it is believed, to throw a man off his stride, and also to stiffen his muscles somewhat. Others contend that the rest between boxes tends to help the bowler and makes him concentrate more on each individual box. The question is still a good one to debate.

Spratt of the Bolster team is leading the league by 1.3 points over Broadhurst of the Garage team. The two Hall brothers, William and Joseph, are but one-tenth of a point apart, and both of them are rolling with the Down Homers. It is a coincidence that they are tied for the high three strings with 319, and also have the same high single strings with 119 each.

Interest is running high among the bowlers and there are but a few postponed matches to make up. Considerable credit should be given to the captains of the six teams for the good way in which they are handling the rolling of the matches. The captains of the various teams are: Yard, Anthony Campo; Down Homers, William Hall; Bolsters, George Lafleur; Pickers, John McQuilken; Foundry, Thomas Dorsey; Garage, Robert Rothwell.

SHOP BOWLING LEAGUE, WEEK ENDING FEBRUARY 14

	W	L	%	PINFALL
Yard	43	21	.671	21,831
Down Homers	37	23	.617	19,367
Bolsters	32	28	.533	19,335
Pickers	24	32	.428	18,411
Foundry	21	35	.375	18,357
Garage	23	41	.359	18,415

INDIVIDUAL AVERAGES

Spratt	95.7	Donovan	89.6
Broadhurst	94.4	McGuinness	88.9
Hall, W.	93.6	Lafleur	88.8
Hall, J.	93.5	Brown	88.4
Wentworth	93.3	Wood	88.3
Gahan	92.7	McQuilken	87.7
Davidson	92.6	Veau	86.2
Campo	92.3	Stanovich	86.0
Peltier	91.6	Dorsey	85.0
Connors	90.9	Shugrue	84.8
Nash	90.8	Vautour	84.7
Malgren	90.7	Godbout	84.4
Boyd	90.5	Green	84.1
Walsh	90.4	Rothwell	82.1
Young	90.0	Spence	82.1

HIGH SINGLE STRINGS

Peltier	123	Bailey	118
Gahan	120	Spratt	118
Davidson	119	Lafleur	117
Hall, J.	119	Young	117
Hall, W.	119	Boyd	116
Donovan	118	Campo	112

HIGH THREE STRINGS

Spratt	337	Gahan	311
Davidson	332	Stanovich	308
Campo	321	Broadhurst	307
Peltier	319	Wood	303
Hall, J.	319	Malgren	302
Hall, W.	319	Connors	301
Young	312		

Office Bowling League

For the first time in several seasons in the Office Bowling League, the teams are not closely matched as we get into the final half of the schedule. In the last two seasons the final match has decided the winning team, and it may do so this year between teams No. I and No. II, captained by William Montgomery and George Broadhurst, respectively. However, teams No. III and No. IV seem to have hit a stride which may lead to keen competition for the cellar championship, but their chances of overcoming the first two teams is hardly to be hoped for.

The exceptionally good bowling of William Montgomery, captain of the league leaders, and the recent improvement in the matches rolled by Ralph Lincoln, have been the main factors in securing an eight point lead for that team.

In eight of the last ten matches Montgomery has rolled 500 or better, the two exceptions being when he rolled totals of 489 and 499. His totals for the last ten matches are as follows: 530, 562, 535, 499, 513, 532, 489, 519, 529, and 523.

Broadhurst, captain of team No. II, has bowled very consistently during the season and has rolled in every match. Only two times has he been under 450, and has rolled

better than 500 on three different occasions, with totals of 506, 534 and 521.

Twice this season team No. I has rolled the high team total; with 2,387 on each occasion.

This month Montgomery also rolled the high single string, 139, previously held by Arba Noyes who had 132.

Office Bowling League, Week Ending February 14

	W	L	%	PINFALL
Team No. I	69	43	.616	36,603
Team No. II	61	51	.545	36,203
Team No. IV	49	63	.438	35,869
Team No. III	45	67	.402	35,877

Individual Averages

Montgomery	102.1	Connors	89.6
Broadhurst	96.6	McGoey	89.2
Cain	95.1	Adams	89.1
Lincoln	93.9	Ferry	88.7
Foley	92.9	Driscoll	88.5
Lamb	91.5	Benner	88.4
Parcher	90.3	Noyes	88.4
Minshull	90.2	Carpenter	87.9
Park	90.1	Scott	86.8
Crawford	89.7	Dalton	86.5
Noble	89.7	Duggan	85.8

High Five Strings

Montgomery	562	Cain	521
Broadhurst	534	Lincoln	510
McGoey	523	Park	497

High Single Strings

Montgomery	139	Dalton	122
Noyes	132	McGoey	120
Park	130	Minshull	120
Cain	127	Broadhurst	119
Lincoln	127	Benner	119
Connors	126	Crawford	116
Lamb	123	Benner	114

Volley Ball League in Action at Gymnasium

On Monday and Thursday nights at 5.30 the Volley Ball League meets at the gymnasium. This league was formed on Monday, January 26, and is composed of six teams, known as the Drafting Room, Main Office, Pirates, Metal Patterns, Pay Roll and Firemen. The captains of the various teams are: Drafting Room, L. H. Horner; Main Office, William Crawford; Pirates, Harrie J. Phipps; Metal Patterns, Charles M. Stuart; Pay Roll, J. Herbert Park; Firemen, Robert Henson.

The Pirates, the week ending February 14, had won all their games and appeared to be also the best balanced combination in the league. The Metal Patterns, who were the leaders of the league on January 22, had won only two games. Their strength is somewhat depleted in the shifting of players due to an additional team joining the league. The schedule calls for six games on Mondays and Thursdays.

Volley Ball League

	W	L	%
Pirates	10	0	1.000
Fireman	6	4	.600
Pay Roll	5	5	.500
Main Office	4	6	.400
Drafting Room	3	7	.300
Metal Pattern	2	8	.200

Still Keeping Physically Fit. In the Men's Business Class at the Gymnasium

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We hope by the time the Spindle is received in the shop, that John Welch, foreman of the Speeder Erecting Department, will be back with us again. Jack has been out sick for the past five weeks, during which time he has been confined to his home on Spring Street.

A hunting party composed of Harry Drinkwater, Robert Ferguson, Winford Jones and M. F. Carpenter saw a flock of at least twenty robins in Sutton, Saturday, February 14.

A few days later George Gill, foreman of the Roll Job, reported seeing three robins near the Sutton Town Farm.

The old-timers tell us that this is a sure sign that spring is coming, as nature is not able to fool the robins.

Amos Whipple

Horace Whipple

Amos E. Whipple

Amos Whipple, His Son and Grandson Have a Combined Service Record of 102 Years

Back in the years 1831–1840 when the Whitin Machine Works was founded, there were nine employees working with John C. Whitin. They were Amos Whipple, Arnold Whipple, Benjamin Innes, Harkness Inman, Amos Arnold, William Nicholson, Edward Fuller, John Wilmarth, and Sylvester Keith. Of this group Amos Whipple has today two descendants employed in the Works, Horace P. Whipple and Amos E. Whipple. The total service record of this family amounts to 102 years.

This fact, brought to our attention recently, should be the beginning of a series of interesting articles on the old families connected with the shop. We hope the readers of the SPINDLE will send us in information about their families, or about other families having long service records.

In the Whipple family the grandfather, Amos Whipple, is believed to have been employed on the original Whitin Picker, patented by John C. Whitin; the picker that was the inspiration that led Mr. Whitin to start in the textile machinery business.

Horace Whipple, a veteran of fifty-five years' service, informs us that Sylvester Keith told him that Amos Whipple worked for the shop before Mr. Keith came here in 1837, and it is on this fact that we base the probability that Amos Whipple was employed on the original Picker.

Amos Whipple left the Whitin Machine Works in 1864 and went to Hudson, N. Y., for a couple of years, when he returned to Whitinsville to turn out and erect shafting for the Linwood Cotton Mills, after which he was employed in the Repair Department of the Whitinsville Cotton Mill.

Horace P. Whipple joined the Whitin Machine Works in March, 1870. He was one of the first apprentices to come under the $100 bonus system guaranteed to apprentices upon completing the course. After fourteen years' service in the Carpenter Shop he was transferred to the Wood Pattern Department, where he has been during the last thirty-nine years, and has worked on almost every style pattern used in the shop.

His son, Amos E. Whipple, entered the shop in July, 1909. He was a member of the Drafting Room and was later transferred to the Repair Department. In 1923 he returned to the Drafting Room where he worked on master sheet work in connection with specifications.

Arnold Whipple

Arnold Whipple, a brother of Amos Whipple, was also one of the original employees of the Whitin Machine Works, but left here in the early forties for work in Hopedale and Worcester.

Supt. of Carpenter Shop and Father Have Eighty Year Service Record

Nineteen hundred and twenty-five marks the eightieth year of continuous service of the Snow family with the Whitin Machine Works. Charles Snow, father of the superintendent of the Carpenter Shop, started to work for the Whitin Machine Works in May, 1864, and was employed until the time of his death in October, 1910. He came here to work on the Josiah Lasell house, which was the one occupied by G. Marston Whitin at the time it was burned in January, 1919. After its completion Mr. Snow was retained by the shop and worked under George Armsby, the foreman of the Carpenter Shop.

Mr. Snow moved into the tenement at 19 Forest Street just before it was completed, and paid rent at this place for forty-six years and eight months.

For many years he was in charge of the construction work around the private homes of the owners of the concern. Unfortunately there is no picture of Mr. Snow in the possession of the family.

Charles S. Snow, the present superintendent of the Carpenter Shop, started to work for Mr. Gibson on looms in July, 1891. Incidentally, David Marshall, foreman of the Picker Department, was second-hand at that time. In September, Mr. Snow was transferred to the Foundry, where it was planned that he should learn the foundry business. He was employed there for three years, but did not especially care for the type of work and returned to the Carpenter Shop under Mr. Armsby in 1894. He was employed there for four years, when he went to work for his father on the various estates in the village. In May, 1907, he was made a foreman of the Carpenter Shop, and superintendent of the Carpenter Shop in 1922.

State Stocks the Whitin Machine Works Ponds

On Wednesday, February 11, 1,600 perch were placed in Carpenters and Meadow Ponds by Mr. Merrill, in charge of the State Fish Hatchery at Wilkinsonville. With this act the Whitinsville ponds are now under state control, as far as fishing goes, by agreement with the Whitin Machine Works. The ponds are closed by law from December 1 through April 20, after which fishing as specified by the state laws is legal. More yellow perch will be put in later by the state, also hornpout, pickerel and white perch.

Ice-Fishing Closed, Good Catches Reported

On January 3 the ponds were opened by the Whitin Machine Works for what proved to be the last ice fishing we will have on them for a long time. There must have been about one hundred fishermen who took advantage of this opportunity. Several large strings of fish were caught, the best ones being those of Leon Barnes and party, George Gill and party, and Winford Jones and party. These three groups caught an average of fifty fish each.

After the fishing was over it seemed to be the consensus of opinion among the fishermen that although there were a number of large pickerel among the catches, there were on the other hand a larger number than ever of small perch with spawn. The fishermen expressed their almost unanimous opinion that it would be a good thing to discontinue ice fishing for a while, at least. As a result, arrangements were made with the Fish and Game Commissioner of Massachusetts to stock the ponds and to close them during the winter months.

Sure Sign of Spring

One of the high school boys fractured his left arm playing baseball this month. Of course we may have two feet of snow when we first read this, but let's be hopeful.

This view was taken from nearly the same spot, fifty years ago, as the view on our cover. The old Dudley Store Block and Congregational Church are the buildings in Memorial Square.

Add These to Your Dictionary

While in the Drafting Room recently, we noticed pasted to the inside cover of the department's dictionary a clipping which we have reprinted below. It was taken from the magazine of the Cleveland Engineers Society.

These definitions have been submitted by R. W. Emery of Cleveland. They form a valuable addition to any dictionary of engineering terms.

Draftsman—A man who puts his own ideas on paper for the boss to change.

Checker—A man with a blue pencil but without a conscience.

Tracer—A slave who, knowing nothing himself, never understands what the draftsman thinks he knows.

Blue-Print Boy—A skunk with a dirty neck who smokes cigarettes, watches the clock and sometimes makes a print.

Tool Designer—A collection of erroneous ideas surrounded by a boss.

Drafting Room—A place where the time between arguments is spent in making drawings to be changed.

Data Book—A collection of information that nobody needs.

Tracing—A piece of linen used for taking high spots off erasers.

Engineer—A mechanical genius who spends his time thinking up ideas which he refuses to recognize when he meets them on a drawing.

What sort of foreman is most admired? The answers of hundreds of workmen proved to be, in substance, as follows:

He keeps the department clean and orderly.

He is careful of the safety of those under him. He sees that safety appliances are on all machines when necessary, and properly adjusted.

He is not above taking a suggestion from those under him.

He always shows his appreciation of good work. When it is necessary to criticize, he does it in a kindly way.

We can count on him for a square deal. If trouble arises, he hears both sides before making a decision.

He always has a pleasant "Good morning," or "Have you plenty of stock?" or perhaps "You don't need to rush that order; we're ahead of the schedule."

He shows his interest in those under him by inquiring about absentees, and expressing sympathy with the sick and bereaved.

He never shows partiality when a vacancy is to be filled. In making promotions and transfers he considers the ability of the person to be promoted, not his personal likes and dislikes.

He knows who is on the job each morning and who is absent, and knows who can fill a vacancy so that things will run smoothly.

He is clean-minded and respects women.

Community Basketballers Meet Fast Opponents

The Whitin Community Basketball Team has been playing to good audiences this winter at the gymnasium on Saturday nights, and although they have not won as many games as last season they are playing what is considered to be better teams. Many of the scores have been very close, and whenever the team has been on the losing end it has always been by a close score. The last game, against the Worcester Boys' Club, ended in a victory for the Boys' Club of 37 to 33. The Whitin team did not seem to get going until the second half, during which they outscored their opponents 22 to 11, but did not have sufficient time to overcome the lead. The squad this year is as follows: Edward Ballard, captain; Harold Johnston, Michael Jackman, Newell Wallace, Byron Taft, George McRoberts, Edward Connors, Harold Vaughn, John Bogie, Wilfred Turgeon, Francis Smith, William Smith, and Francis Gow. Everett Johnston is manager this year, and Hugh Currie, assistant manager.

Girls' Basketball Team

The Whitin Community Girls' Basketball Team has been very successful this year, having lost but two games. This is their second season and they have shown remarkable improvement over last year, which was considered a successful season, as even then they won the majority of their games. On Saturday, February 14, they defeated the basketball team from the Merchants National Bank, Worcester, by a score of 21 to 12. The squad is as follows: Lucia Bates, captain; Marion Wood, Doris Aldrich, Margaret McKaig, Cecilia Kane, Belle Smith, Vera Carr, Edith Casey, Margaret Marshall, Margaret Brennan, Grace St. Andre, and Mary Britton, manager. The scorer is Helen Ballou and Eva Letourneau is timer.

A View from the Christmas Pageant at the Gymnasium

Robert Hussey's Scrap Book Contributes a Choice Bit of Baseball Literature

(From J. Percy Smith-Brown, Esquire, Hotel Pazazza, Boston, to H. Etherington Bellingham-Cholomondly (pronounced Chumly). The Towers, Chorlton-cum-Hardy, Cirencester, near Stoke-Pennington the Lesser, Hants, England.)

DEAR OLD TOP:

Of all the extraordinary things in this extraordinary country the most deucedly extraordinary of all is the dashed game they call baseball.

It's a sort of glorified rounders watched by a lot of glorified bounders.

I went to see a match between "Red Sox" and "Senators." The match was a deadly dull affair—not a bit like cricket. The blighters score about one run an hour—fact, 'pon my honour. I've seen jolly old Ranji run up 670 runs in that time, by Jove, which shows that cricket is about seven hundred times as fast as baseball.

The bowler shies the ball to the wicket-keeper, who, by the bye, has no wicket to keep, and wears a wire muzzle—I suppose to prevent the beggar from eating peanuts during working hours.

But before I go on about the silly old match, let me tell you an extraordinary thing that happened. A person in the bleachings—as they call the seats—an utter stranger to me, I give you my word, banged my hat over my eyes when one of the rounder players had struck the ball, and yelled in my ear. "How's that for a three-bagger, kid?"

Kid! Three-bagger!

"Kindly refrain from touching me, my good man," I responded, "I am not in the least interested in your baggage."

The bounder scrutinized me closely, and said in coarse tones, "Gee, what's the matter? You *look* human."

I drew myself up to my full height and crushingly answered, "I look what I am, sir, an English country gentleman."

"Oh-h, *English*," said he, "that explains it all."

"The sun never sets on England's possessions," I proudly reminded the blighter.

"Why should it?" he replied, "it ain't a hen and they wouldn't hatch anyhow."

Extraordinary, what? The person must have been loony. 'Pon my word, I believe most American subjects have a slate loose.

They have a jolly amusing Foreign Minister over here. A Mr. Bryan. He isn't a bit like ripping old Sir Edward Grey. It appears some Mexican rotters arrested a couple of officers from an American battleship and the jolly old American Admiral ordered them to fire a salute to the American colours. Reminds me of my old friend, Admiral Binnacle. "Smish-Brown," he'd say to me (I usually met him after dinner), "Smish-Brown, m'boy, never say anything to the beggars more than once. Shay it once; then, damme, show 'em your broadside. Only syshtem, m'boy."

The Foreign Minister blooming well stops the jolly old admiral, and tells him to write the bally Mexicans another letter. By the way, the old top is awful keen on writing letters. He writes 'em to Mexican Federals, Constitutionalists, Zapatists, and assorted bandits. As none of 'em ever bothers to reply, it seems a harmless enough amusement.

It is dashed unclubby, dear old man, to refer to money matters between gentlemen. Your last letter was positively insulting, old chap, and I had a good mind not to ask you again to put up two pounds with the bookie for me, but it just occurred to me that the bally horse's price might shorten, so get the two quid on for me as soon as possible, there's a good fellow.

Your old pal, PERCY.
Per Wex Jones-Jones.

Manger Scene in Christmas Pageant at the S. Marston Whitin Gymnasium

Get Your Garden Early

Joseph Cahill, Secretary of the Whitin Home Garden Club, announces the Annual Meeting, and the prospects for the coming year as follows:

"Spring is just around the corner and planting time will soon be here. Be prepared to start early by reserving your garden plot. Gardens will be given out the same as last season, and will be ploughed, harrowed and fertilized at no expense to the gardener. All that is needed to secure one is to pay dues of $1 and become a member of the Whitin Home Garden Club.

"Last season was the best in our history, everyone having great success with his crops. As a result there were fresh vegetables all summer and enough to last through the winter. Join the club now; get your garden; put in your seed, and let Nature do the rest.

"Work? Yes, there is a little work to it, but you don't get much without a little work. Pay your dues to Fred Burroughs, Treasurer, and don't forget to attend the Annual Meeting of the club, Wednesday evening, March 4, in the schoolroom at the Employment Department. At this meeting the election of officers will be in order, also reports of the various officers will be read.

"Joseph T. Cahill, Secretary."

The officers of the club are: Harley E. Keeler, President; Fred Burroughs, Treasurer; Joseph T. Cahill, Secretary; Executive Committee: Klaus Dufries and Gilbert Harwood; Purchasing Agent: Daniel C. Duggan.

Report of Last Year's Produce from Home Gardens

Harley E. Keeler, President of the Whitin Home Garden Club, following his policy of the past five years, has presented to the Spindle the 1924 report on the production of the home gardens. Last year was not necessarily the largest year from the standpoint of production that the club has had, but all of us know that the garden club deserves a great deal of credit for its work and cannot help but feel that last year's garden show at the Community Building was not only a great success from the standpoint of the exhibition, but was an evening of a general social good time.

The officers of the Whitin Home Garden Club are optimistic of the prospects for the coming year, and expect there will be as many gardens allotted to the employees of the Whitin Machine Works as in the past season, when there were 125.

The names of the gardeners and their districts were as follows:

Taylor Hill

Lot No. 1

Rein Nyholt, James McQuilken, Joseph Cahill, H. A. Graves, Benjamin Graves, David Marshall, Robert Marshall, Fred Burroughs, George Dyer, John Marshall, Brenton Benner, Kenneth Benner, Winford Jones

Lot No. 2

A. Kirkorian, Claude Gilson, Robert Brown, Fred Hathaway, Henry Crawford, James Gellatly, Gordon Boutilir, Theodore Larson, Joseph McKenna

Lot No. 3

John Ovian, W. McGuire, Peter De Boer, A. M. Meader, Ray Meader, Fred Woodcombe, George R. Allen, A. Hamilton, Charles Snow

Lot No. 4

Wm. Sproat, William Harkema, A. Buma, A. Vander Brug, C. A. Wentworth, Thomas Rogers, William Crawford, A. Tarawicz, A. Tolka, David Burke, Alton Burke

Lot No. 5

S. Youngsma, Joseph McKinnon, R. Sanderson, Harry Moore, Donald Simmons, H. E. Keeler, Edward Brown, John Hayes, James Hayes, John Martin

New Fairlawn

Edward Barrett, Earl Hammond, Fred Brown, George Cochrane, Peter Ledeau, S. Opperwall, S. Zuidema, T. Van Dyke, Alben Griffin, Robert Smyth, Klaus Jellesma, George Seagrave, W. W. Clark, Adelard Godbout, Andrew Buwalda, Solomon Peltier, O. M. Jacobs, Robert Gusney, Arthur Van Dyke, Henry Martin, A. Parker, S. C. Frieswyck, Thomas Frieswyck

Old Fairlawn

Henry Graves, Gilbert Harwood, Albert Kelly, Jerry Connors, Joseph Fenner, Arthur Clark, Lawrence Donovan, George Armston

Linden Street

Carl Rankin, Arthur Deeks

Reservoir

A. C. Ball

Near J. M. Lasell's Garden

James Currie, Leon Barnes

Prospect Hill

W. A. Courtney, George De Boer, B. Devries

Crescent Street

Jerry Haggerty, John Kershaw, John Shaw, William Walsh, John Fitzgerald, Timothy Kennedy, George Rogers, Peter Roberts, Naz. Laferriere, Winford Jones, Neil Currie

Brick School

Lot No. 1

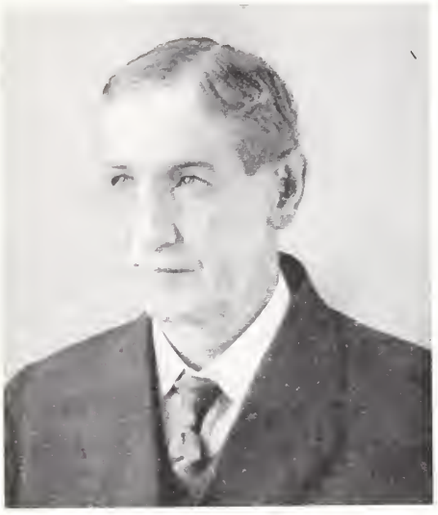
David Blakely, W. M. Smith, John Smith, David Cochrane, Patrick McDonough, Fred Harder, John Baker, John Dufries, John Gellatly, Chris Kane, A. Baillergone, R. Schotanus

Continued on page 14, column 3

1924 Production Report of Home Garden Club

Name	Taylor Hill	Crescent Street	Brick School House	Old Fairlawn	New Fairlawn	Total Crop
Potatoes—Bu.	625	140	631	122	274	1,792
Corn—Doz.	454	157	205	135	245	1,196
String beans—Bu.	23	40	40	22	.....	125
Tomatoes—Bu.	45	73	31	15	50	214
Cabbage—Lbs.	790	691	2235	652	500	4,868
Turnips—Bu.	9	.....	4	3	9	25
Carrots—Bu.	18	17	17	12	14	78
Beets—Bu.	21	16	25	9	12	83
Shell beans—Bu.	10	.....	16	.....	30	56
Pumpkin—Lbs.	242	220	.....	40	25	527
Squash—Lbs.	420	400	112	450	150	1,532
Onions—Bu.	2	.....	4	.....	.....	6
Green peas—Bu.	4	3½	13	4	.....	24½
Parsnips—Bu.	5	.....	.....	½	.....	5½
Cucumbers—Bu.	10	.....	42	2	10	64
Dry beans—Qts.	270	.....	236	96	60	662
Cauliflower—Lbs.	10	.....	292	35	.....	337
Peppers—Bu.	½	.....	½	.....	.....	1
Swiss chard—Bu.	14	.....	1½	.....	.....	15½
Total No. Gardens	42	10	42	8	23	125
Total Money Value	$1,171.00	$509.00	$1,241.00	$344.00	$595.00	.....
Average per Garden	$27.50	$50.00	$29.50	$43.00	$26.00	.....

Grand Total in Money—$3,860.
Grand Average per Garden—$30.80.



Robert Britton

Loss by Death of Veteran Foreman

Robert Britton, former foreman of the Automatic Screw Job, died at his home, Wednesday, February 4. Mr. Britton had been in ill health for several years. He fought a brave battle against strong odds and took his difficulties cheerfully, much to the admiration and respect of his friends.

He was a very popular leader among the employees of the Whitin Machine Works and was one of the leading members of the Knights of Pythias, where he was for many years Keeper of Records and Seals.

He entered the shop in September, 1880, and operated the first automatic screw machine to be set up in the shop. In 1895 a separate department known as the Automatic Screw Department was established and Mr. Britton was placed in charge. In 1923 he was required to give up his active work on account of ill health.

Our sympathy is extended to his family.

New Year's Day was one of celebration in the family of Mr. and Mrs. Thomas Joyce. They were presented with a baby boy which they have named Paul Rossiter Joyce. Mr. Joyce is a member of the Stock Room office and Mrs. Joyce was formerly employed in the Production Department.

The Whitinsville Rifle Club held its annual meeting at the gymnasium on Friday, January 30. The following officers were elected for the coming year: Joseph Morrell, President; John Baker, Vice-president; Harry E. Lees, Treasurer; M. F. Carpenter, Secretary. An Executive Committee composed of the following members was appointed: Bertram Sweet, Robert Hussey, Joseph Damour, Leon Honner, Frank Willis and Albert Hassan.

After the meeting the members of the club adjourned to the indoor rifle range where George T. Newbegin, foreman of the Blacksmith Shop, gave an exhibition of pistol shooting. Mr. Newbegin has medals in his possession to show that he is one of the crack pistol shots of the country, and a great deal of interest in this sport is expected to develop under his direction.

The Safety Litany

From the pinhead who takes chances to show his nerve;

From the unmitigated boob who doesn't believe in guards and removes them when the foreman's back is turned;

From the pest who plays practical jokes on his fellow workers;

From the conceited ass who knows too much to take advice;

From the poor nut who leaves tools, nails and boards all over the place for others to step on or trip over;

From the non-essential citizen who boasts of his law-breaking exploits;

From the guy who throws lighted matches and live butts around without thought of the consequences;

From the road hog and the drunken driver;

From these and all the other accident makers you can think of—

Good Lord Deliver Us!

Modern Emphasis

"Even if he does want to come back," she told a Post reporter, "he can't. When he gave me the air I thought that nothing was worth living for any more. But now I know that he is full of old shoes and my time would be better wasted doing Chinese crossword puzzles than going around with him.

"He can follow me around all day with a box of expensive candy in one hand and a handful of solitaires in the other and I won't even give him a tumble. He can drive up to my door in a gold-plated Rolls Royce with the Prince of Wales as his chauffeur and I won't even part the curtains. In other words I'm through and I don't mean maybe."

Bartholomew Callahan

A Moulder of the Forty Year Veterans Group Dies

We were sorry to hear of the death of Bartholomew Callahan at his home on Maple Street, on Thursday, February 12. Mr. Callahan had been in good health and was employed in the Core Room until the first of the month when he had a shock.

He started to work in the Foundry of the Whitin Machine Works in May, 1879, and except for the last several years, when he was a member of the Core Room, he was employed as a moulder in the Foundry. The funeral was held from St. Patrick's Church, Saturday, February 14.

Report of Last Year's Produce from Home Gardens

Continued from page 13, column 3

Lot No. 2

F. Peck	Simon Plantuke
Charles Willard	Ernest Parker
Klaus Dufries	J. Kooistra

Lot No. 3

S. F. Fessenden	Norman Reed
J. Harringa	Jake Travailley
M. Hoogendyke	Edward Mortell
Samuel McKee	Homer Flinton
Fieke Valk	George Benoit
Joseph Benoit	S. J. Boulay
F. N. Guertin	

Lot No. 4

J. Rogers	K. Kramer
B. Rogers	Thomas O'Connell
Fred Clark	Joseph Lafarriere
Thomas Taylor	John Van Dyke
A. Nolet	Farrand Van Dyke
W. Bigelow	

Not a Vaudeville Team although well recommended in that capacity

Sometimes the camera plays strange pranks with its victims who come within focus of its lens. In the above case two perfectly dignified gentlemen, Messrs. Hague and Clary, are made to appear in false light. One might think they were objects of investigation by hardened sleuths sworn to enforce the law as laid down by the eighteenth amendment of the constitution.

If the background was not one of the rolling hills found in the rocky state of Massachusetts, but was replaced with the waves of the briny deep, we might think that a severe case of sea sickness was just being thrown off. This snapshot was taken about the time the newspapers were reporting the first earthquake that Massachusetts had experienced in a long time. We might blame it to this phenomena, or could it be possible that the peculiar rays of the sun's eclipse might have been responsible for the above distortion?

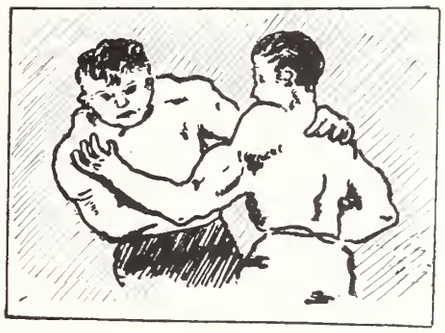
In spite of these horrible possibilities, Mr. Hague and Mr. Clary seem to be enjoying the situation.

When the Train Was Due

Passenger to negro porter, while on train for New York: "What time do we get to New York, George?"

Porter: "We is due to get there at 1:15, unless you has set your watch by Eastern time, which would make it 2:15. Then, of co'se, if you is goin' by daylight savings time, it would be 3:15, unless we is an hour and 50 minutes late—which we is."—*Life*.

John Lasell, a member of the Main Office, as he stepped out of Mr. Keeler's office recently, was handed a shop envelope by a member of the Billing Department. On opening the envelope he found a bill from the Whitin Machine Works for $100 damages for equipment destroyed in the office from which he had just come. A minute before he received the bill Mr. Lasell had put his elbow through the plate glass on the bookcase near the desk. Mr. Lasell, while not explaining the accident to the bookcase, extends his praise to the Billing Department for its speed and efficiency.



A Wild Dream from the Picker Department

"Zabisco" of the Picker Job, an outstanding wrestler, will soon try to capture the laurels from Mum.

Every Wednesday and Friday night at Mechanics Hall, Boston, he has been bringing down all comers with his new "grapevine headlock."

He was telling the boys that last Friday night at Mechanics Hall, he had a hard match, but finally his opponet fell to the mighty "grapevine headlock."

His one and only defeat came at Norwood, Monday, Feb. 16, 1925, when his opponent floored him before he had a chance to work out his new headlock.

The boys on the job are now looking forward to see him bring home the crown.

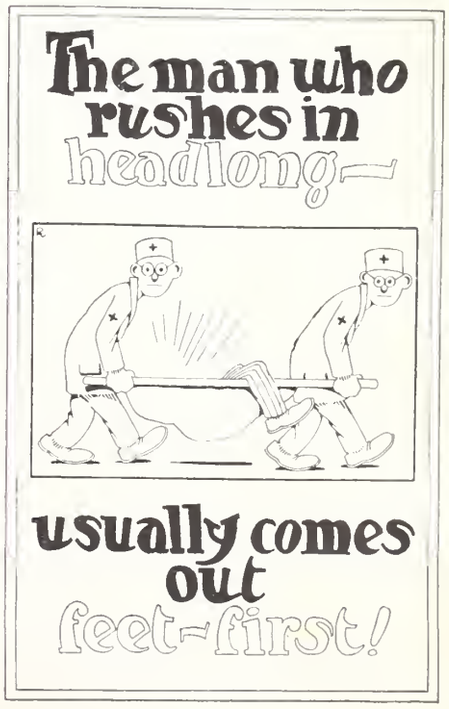
"What's your idea of a damphool?"

"A fellow who is afraid to take third light off a match but thinks nothing of racing a train to the crossing in his automobile."

The above is a picture of the bridge over the Blackstone River, leading to the Quaker Cemetery Corner, which replaced the old wooden structure. Next summer we will be autoing over this bridge when the construction begins on the Rockdale Bridge on the main Worcester and Providence highway. The photograph was taken by John Deane of Fiske Furniture Co.

The Changing World

In 1769, Joseph Cugnot operated the first steam-propelled vehicle through the streets of Paris. If everything went well it would run for fifteen minutes without stopping to generate more steam. One day while turning the corner at the dizzy speed of three miles an hour, the queer contrivance overturned and the authorities impounded it as a menace to public safety. Now everyone yawns at 20 per.



Shanghai, China

One of the officials of the Whitin Machine Works received a Christmas card from Philip J. Reilley, a part of which he has very kindly loaned to us to reproduce in the SPINDLE. It is a photograph of the metropolitan center in Shanghai, China. The popular impression of the Chinese cities, we believe, varies from what this photograph reveals. One of the branch offices of the Whitin Machine Works is located in Shanghai and is under the direction of Mr. Reilley.

The above photograph is the six months old baby of Kizer Mardigian of the Spinning Erecting Department. The baby's name is Ira Naroian Mardigian and he looks as if he would be able to use his hands and feet in later life.

In Which Column Do You Belong Today?

Here is the actual record of one hundred men—a fair average that brings home some real truths that are worth thinking over *now*. Compiled by the American Bankers' Association. (Reprinted from *E. J. Workers Review*).

AT AGE 25

One hundred men, all strong and vigorous, able to work, and save money.

AT AGE 35

5 have died.
10 are wealthy.
10 are in good circumstances.
40 have moderate means.
35 have saved nothing.

AT AGE 45

16 have died.
3 are wealthy.
65 are self-supporting but without resources.
16 are no longer self-supporting.

AT AGE 55

20 have died.
1 very wealthy.
3 are in good circumstances.
46 are self-supporting, but without means.
30 are dependents on children, relatives or charity for support.

AT AGE 65

36 have died.
1 very wealthy.
3 are wealthy.
6 self-supporting by labor.
54 are dependent on children, relatives or charity for support.

AT AGE 75

63 are dead.
(60 of these left no estate.)
3 are wealthy.
34 are dependent on children, relatives or charity for support.
(95 per cent of these will not have sufficient means to defray funeral expenses.)

Is there any way to change these figures? Yes!!! Save regularly.

"Why all the noise about dangerous motor cars?" asks one editor. 'Overfeeding kills more people than overspeeding."

Something to Think About

Ever meet a fellow who was too "highbrow" to read safety bulletins?

Perhaps there is one in your department. He thinks that bulletins, rule books and safety talks are for the uneducated. He is quite able to do his own thinking.

If he does think, he doesn't show it when at work. He wears loose clothing around moving machinery. He leaves boards with nails sticking up for others to step on. He uses tools with mushroomed heads and only wears goggles for chipping or grinding when the foreman is watching him. If the foreman gave him all the watching he needed, he wouldn't have any time left for productive supervision.

And this bird kids himself that he

Something To Think About

is "intellectual.' His thinking is an imperfect combustion of theories which causes back-firing in his brain cylinders.

Many a fellow who thought he was able to do his own thinking in safety matters has found himself in the hospital with only his thoughts for company. And thoughts in such surroundings are darn poor companions.

Think for yourself, by all means, but don't despise the thoughts and ideas of others as expressed in the safety bulletins. Make use of them and add to them or improve them, if you can. A little thought while working will save you many unpleasant thoughts later. The safety bulletin is your friend; it makes you think.

The WHITIN Spindle

A View of Meadow Pond Looking West from Border Street

MAR. - APR.
1925
Vol. 6 No. 2

SOUTHERN OFFICE OF THE WHITIN MACHINE WORKS

1. Office Building. 2. Conference Room: William D. Lyerly, Robert I. Dalton, William H. Porcher, I. Dean Wingo, Gilbert W. Pearse. 3. Mr. Dalton in his office. 4. Mr. Porcher at his desk. 5 and 6. General views of the office.

The WHITIN Spindle

VOLUME 6 WHITINSVILLE, MASS., MARCH–APRIL, 1925 NUMBER 2

The Southern Office of the Whitin Machine Works at Charlotte, N. C.

The writer of this article unfortunately has never had the pleasure of a visit to the Southern Office of the Whitin Machine Works in Charlotte, N. C. However, judging from the many good reports which have been brought back to the Main Office here in Whitinsville, an opportunity to meet our Southern Office force at their home office is one to be looked forward to. Judging from the photographs which we have received of the office, they certainly are housed in very comfortable quarters, and considering the recent rapid development of the Southern Textile Mills, their work must indeed be very interesting.

William D. Lyerly, Road Superintendent of the South, is perhaps the one member of the Southern Office with whom we have had the opportunity to become better acquainted, and he has given us a bit of information of the development of the Southern Office which reads as follows.

"I find that the Whitin Machine Works Office at Charlotte, N. C., was established in 1894 or possibly 1895, and was located on the corner of College and Fourth Streets. The Works were represented by D. A. Tompkins Company, who, as nearly as I can learn, were only in charge of the office one year. After that time it was moved to the Johnston Building on the corner of Tryon and Fourth Streets, with Stuart W. Cramer in charge. This would be about 1896, and several years later it was moved to the Trust Building on South Tryon Street. In January, 1907, Mr. Cramer moved the office again, to the present building which was then known as the Cramer Building, and is located in the Court House Square. Mr. Cramer, in December, 1919, resigned and sold the building to the Whitin Machine Works, and the Southern Agency was given to the present men in charge, Robert I. Dalton and William H. Porcher."

I. Dean Wingo, Representative at Atlanta, Ga. office

The territory covered by the Southern Office is not bounded by any definite line which might separate the Northern and Southern Sales forces. Most of their sales, however, do occur in the territory from Virginia South through Florida, and West through Texas. Neither Mr. Porcher nor Mr. Dalton have definite territory assigned to them to cover, but as a rule Mr. Dalton will be found in the territory including Virginia, North Carolina and Tennessee, and Mr. Porcher South and West of these States.

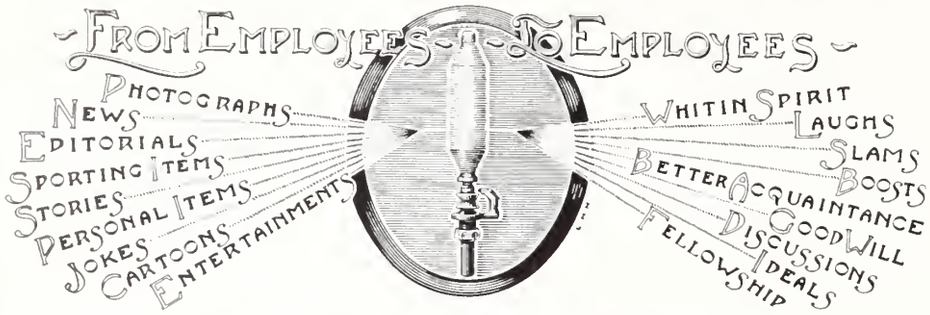
We have not as yet considered the Atlanta Office, which was opened in January, 1924, at Numbers 1214 and 1215 Healey Building. I. Dean Wingo has been placed in charge of this branch of the Southern Office, and is taking over a large amount of the work in that vicinity.

Mr. Lyerly, whom we have already mentioned as Road Superintendent, has supervision of the erecting of the machinery in the mills of the South. He also acts in an advisory capacity as a service man, and salesman to the mills.

Laura Kirkman

Gilbert W. Pearse is in charge of the Office as Secretary, and under him are Mrs. Josephine Levie, Mrs. Bessie Lee Meyers and Miss Laura Kirkman. Miss Kirkman joined the office force since the group photograph was taken, and has taken over the work formerly done by Mrs. Beulah F. Hummel. This is the reason why Miss Kirkman's photograph has been published separately.

E. Kent Swift, Treasurer and General Manager of the Whitin Machine Works, in the Doorway of the Southern Office Building



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

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A Comparison of the Number of Drills Used Before and After Piece Rates Were Established

A very interesting comparison of the number of drills used in the various processes in one of the machine departments was made by its foreman. This investigation covers a period of five years previous to the establishment of piece-work on the job, as compared to a period of five years of piece work. The article reads as follows:

"Having often heard the expression throughout the works that job work was hard on tools, we began to wonder if that statement was really true. As far as our department is concerned, drilling takes more man hours than any other kind of work, and, we have, therefore, used that as a comparison.

"Having had charge of the department for over nine years on day work and over five years under piece rates, I thought it would be interesting to compile the drill costs during a given period. For the five years previous to 1920, or five years of day work, during which 2325 speeders were built, we ordered and received 1,588 ordinary size high speed twist drills, and for the five years from 1920 on, or five years of piece work, during which time 2,898 speeders were built, we ordered and received only 834 drills, or a difference of nearly 50%. For chucking the spindle bearing on bolsters we use a high speed special length drill, which cost the company around $20 each. During the five years of day work we bought 87, and during the five years of piece rates 35, or over 60% less, and built more speeders at the same time.

We believe the difference in the number of drills used is due to the fact that under piece work rates the extra bonus paid each month makes the jobs more desirable, which gives us a better class of help to do them, and puts us in a position to insist on good workmanship and proper care and respect for our equipment.

Do Not Let Your Children Use the Streets as a Playground

We received a very good suggestion from the Superintendent of the shop and Chairman of the Safety Committee, W. O. Aldrich, bringing attention to the danger the children of the village are in who insist on using the "kiddie scooters" on the main highways.

It is a distinct compliment to the streets of Whitinsville that the children prefer the highway to the sidewalks for their "scooters." On the other hand, it is much to the detriment of the nerves of the employees of the shop and the many automobile drivers on their way to and from work, to be on constant guard against these fast speeding pleasure vehicles. A child on a "kiddie scooter" has no definite destination to reach and is apt at any time to swing directly in front of an automobile or stop short making it impossible to estimate what is to occur the next moment.

This condition is especially objectionable around the garage and fire station of the Whitin Machine Works, and we agree with Mr. Aldrich that the parents of these "scooter" riders should be cautioned against this hazardous fun, especially at the dusk hour of the evening, the noon hour, and between five and five-thirty. Playing in the streets is a bad practice at any time and should be discouraged.

Martin F. Carpenter

Spindle Editor Resigns

M. F. Carpenter, a member of the Employment Department for the past six years, severs his connections with the Whitin Machine Works on May 1. He will be employed by the Dennison Manufacturing Company after that time, in South Framingham.

Mr. Carpenter feels that Whitinsville has been very much his home and leaves his many friends behind with great reluctance. As Editor of the SPINDLE he wishes to express his appreciation for the fine cooperation given him by the members of the works. The contributions which have been so cheerfully given have made it possible to keep the paper running since its beginning in August, 1919. He expressed his sincere hope that the same spirit will be transferred to those who are to take over the responsibility of seeing that the paper is carried on.

George E. Wood

Our Long Service Series

Congratulations are being extended to George E. Wood, an active bench moulder of the foundry, on the completion of fifty years of continuous service here in the Whitin Machine Works.

Mr. Wood started working here after graduating from the eighth grade in the Grammar School, and commenced on the Bolt job under Foreman Snelling. He started his business career tapping nuts and cutting screws. He was transferred later to the Gear job under Mr. Heath. Before his first year was completed he was transferred to the outside work and was employed on Castle Hill Farm during the business depression of 1875-76, and for the next three years helped deliver ice throughout the village. He started in the foundry as an apprentice in 1878 and after serving his time became one of our regular moulders.

. Wood tells us he enjoys very good health and feels that hard work such as foundry moulding, although more strenuous than most occupations in the shop, is not detrimental to one's health. We hope he will continue to enjoy his work for many years to come.

Whitin Baseball Team Entered in Blackstone Valley League

The Whitin Machine Works Baseball Team had its first workout on Saturday, April 4th, at Vail Field. Nearly every one of last year's team are available this year with the exception of Denoncourt and Herb Ashworth. The candidates this season for catcher are Keeler, Sullivan and Steel; for pitcher, Murray, Malgren, Campo and Connors; Jack Leonard for first base; Carroll, second base; O'Neil and Walsh for shortstop and McKee and McGuire for third base. Those out for the outfield positions are Hartley, Kearnan, Frank Leonard and Ballard. Harry Kearnan has been retained as coach.

This year the team has entered the Blackstone Valley League, which was recently organized. For the past four years we have been playing in the Triangle Industrial League of Worcester, and in many ways we are sorry not to be connected with that organization this season, but due to the fact that our opposing teams, Millbury, Fisherville, Rockdale, Uxbridge and Douglas are located within more convenient distances, and due to the fact that we desire twilight baseball, together with the fact that the fans desire this league in that they can support the team away from home as well as at home, the Blackstone Valley League seemed to be the logical choice. The new league seems to be well organized. The officers are composed of Archie Couper, Agent of the Rockdale Mills, President, and H. S. Crawford of the Employment Department, Whitin Machine Works, as Secretary-Treasurer, together with a board of directors composed of two delegates from each team who have supervisory control of the league.

The calibre of players is going to be limited to such an extent that one team will not have any great outstanding advantage over the other, and it is the purpose of the league to develop local players wherever possible.

Sunset League Expects to Start Seventh Season

At this writing a meeting of the Sunset League is to be held within a short time, and by the time the SPINDLE is read, undoubtedly plans will have already been arranged. From an interview with the captains of the teams of last year there seems to be no reason why this, the seventh season of the Sunset League, should not be as successful as those in the past. The games will be played as usual, undoubtedly, on Monday and Wednesday evenings, at 6.30 p. m., and the league will be composed of the same teams as last year, the Yard, Speeders, Spinning and Foundry.

H. R. Adams and James Leitch at a Southern Camp Ground

Mr. H. R. Adams of the road force has been down in the South this winter and sent us a few photographs of a Camp Ground in Salem, about three miles from Porterdale, Ga. Mr. Adams tells us that some of the buildings are more than a hundred years old. This is a religious center for many of the Georgia people and they come from miles around and bring their "rations," usually for a whole week. The cottages have bunks, a cook room, and dining room. It is the oldest Camp Ground in the South.

Mr. Adams writes us that the Tabernacle in the photograph above was built in 1826.

Romance of Cotton Machinery

George Gannon of the Drafting Room continues his articles on the "Romance of Cotton Machinery" this month by a description of the builder motion on the spinning frame. He includes in this article further explanation of how the builder motion applies to the warp and filling wind bobbins of the frame.

A very interesting component of the spinning frame is the builder motion, and those of all manufacturers have an identical underlying principle although the outside appearance of their builder motions varies considerably.

There are two types of bobbins to be built, namely the warp wind and the filling wind. Figure 1 shows a warp wind. In Figure 1 when the warp bobbin is empty the first layer is wound on from A to B. This distance becomes shorter for each layer until finally for a full bobbin the last layer is a length like DC.

Figure 2 shows a filling bobbin and the length of wind AB is always the same, but climbs upward as the bobbin is being filled.

Figure 3 shows the functional drawing of the general principle employed in filling builder motions. There is a main weighted lever H pivoted at K carrying a worm, worm gear, chain drum and ratchet on one end. The end of the chain starts at P and as the cam F rocks the lever H over one lobe, the ring rail rises through one layer. The next cycle, however, starts the ring rail at a new position N1, because the ratchet C has let out the chain, hence the end of the chain now begins at P and this is repeated until bobbin is completed.

Figure 4 shows a warp builder and Figure 5 is a filling builder. In the warp builders the same principle as filling is employed except that instead of a chain drum, there is a rack and worm changing the point of suspension of a chain.

Figure 6 shows one manufacturer's position of installation.

Figure 7 shows one type of combination builder which builds either

Continued on next page, column 1

FIG. 1

FIG. 2

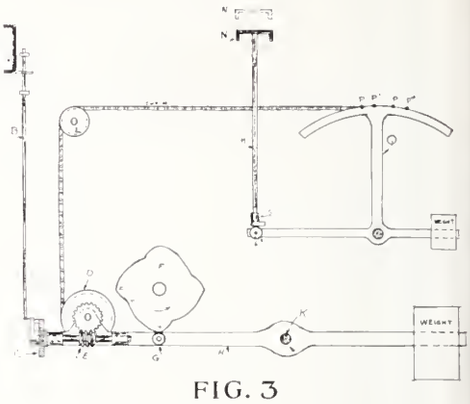


FIG. 3

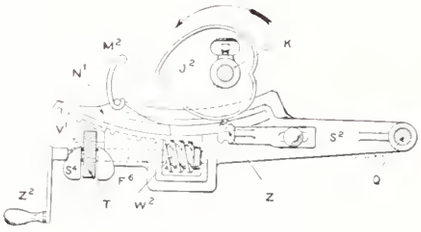


FIG. 4

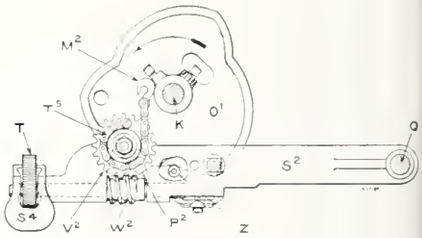


FIG. 5

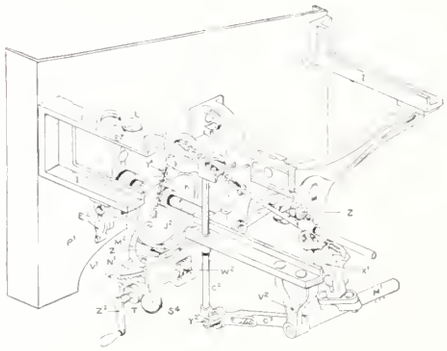


FIG. 6

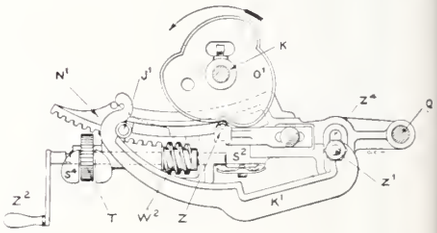
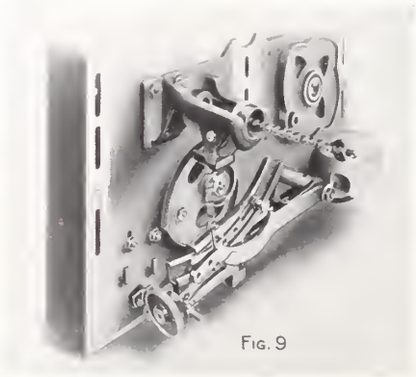


FIG. 7

1. Warp Wind Bobbin.
2. Filling Wind Bobbin.
3. General principle employed in building Filler Motions.
4. Warp Builder.
5. Filling Builder.
6. One position of builder installed on machine.
7. A combination Builder.

Whitin Filling Builder on Spinning Frame



Whitin Combination Builder hooked up for Warp Wind

Sons of Whitin Employees Play on Champion High School Team

The basketball season just closed proved to be one of the most successful in the history of Northbridge High School. The boys succeeded in winning the Championship of the Worcester County High School League, going through the Southern Division without losing a game and defeating Oxford, winner of the Northern Division, in a series of three games, winning at Whitinsville and Worcester by decisive scores, and losing in Oxford 12 to 11. The game in the George Marston Memorial Gymnasium drew the largest crowd ever at a game in Whitinsville, there being approximately 1300 tickets sold.

Following the winning of the championship of the Southern Division, the team was invited to participate in the Schoolboy Tournament at Worcester Tech. The team drew North High of Worcester, one of the favorites, in the first round and succeeded in defeating them after a hard tussle. They had a comparatively easy time winning their game in the second round, and this win placed them in the finals. After a hard game they lost out to Gardner High, winners of the Tournament in 1923 and 1924, by the close score of 20 to 16. This game was not decided until the closing minutes.

The team loses Capt. Trinner, Kearnan, Lawton and Bates by graduation, but should have a strong team next season with the following players returning to school, Bigelow, Graham, Campo, Crawford, Bedford and McGuinness, as well as some promising material from the second team.

Much credit should be given Coach LaPlante for the manner in which he handled the team.

The boys are to be tendered a banquet at which time sweaters are to be presented to them in appreciation of their good work. The money for the purchase of these sweaters was raised by public subscription. Coach LaPlante is to be presented a sum of money at the same time, in appreciation of his good work.

It is hoped that Coach LaPlante will return to the school in September and that he will meet with the same success in the future that he has had in the past.

NORTHBRIDGE HIGH SCHOOL BASKETBALL TEAM

Front row: Harry Bedford, William Kearnan, John Trinnier, captain; Burnham Bigelow, Gordon McGuinness. Back row: Coach La Plante, Ira Bates, William Graham, Henry Lawton, Francis Crawford, Walter Cambo, Harold Adams, Manager

Romance of Cotton Machinery

Continued from page 6, column 3

filling or warp bobbins by a few simple changes.

Figure 8 shows a Whitin filling builder installed on a spinning frame and Figure 9 shows the famous Whitin combination builder hooked up for warp wind. This is without doubt the finest unit of builder motion mechanism on any spinning frame built today. In the upper right hand corner, Figure 9, can be seen the filling cam.

Mr. and Mrs. William Ashton celebrated their thirtieth wedding anniversary on Friday evening, April 3, at their home. They were presented a beautiful floor lamp by the members of the Rockdale Band on this occasion.

Mr. Ashton is a member of the Gear job and has been employed in the Whitin Machine Works for the past thirty-two years.

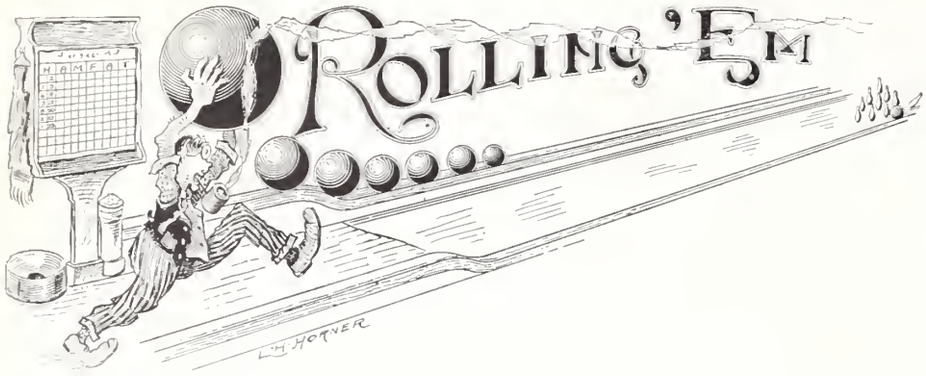
Real Tiresome

The colonel's negro orderly was missing and inquiry developed that he was confined to quarters as the result of a fight. Solicitous as to the welfare of his striker the old man visited him personally.

"How's this, Mose?" he inquired, "What's been happening to you?"

"Well, suh, you know Sat'dy was pay-day and after supper all us boys got into a big crap game. Long about 2 o'clock in de a. m. me an' Johnny Sims gits into a li'l' friendly argyment. Colonel, befoh I know it he hits me in de mout an' he knocks out fo' teef, and he hits me in de eyes and blacks dem, an' he mighty nigh busts mah nose and mah jaw. Den he gits me down on de ground and stomps me an' cracks three ribs. Fo' God, Colonel, ah never got so tiahd of a man in all mah life."

Anyone interested in securing household furniture at a reasonable price should interview Harry Ma-Lette of the Geo. Marston Whitin Gymnasium, who is planning to sell some of his furniture between now and the first of June.



Season Ends for Office Bowling League

The Office Bowling League came to a close on Wednesday night, April 8. Unlike the last two seasons the last night did not determine the champion of the League, as No. 1 team, under Capt. Montgomery, were conceded the championship three or four weeks before. This was due mainly to Capt. Montgomery's phenomenal bowling, he finishing the season with an average of 101.7; and also due to the improvement of Ralph Lincoln, who stood third in the individual improvement for the season.

Considering the fact that the teams were based on an average rating, three pins improvement on Montgomery's part, and a four pin improvement on the part of Lincoln, gave that team quite an advantage.

The general average of the league this year was considerably higher than last season, due perhaps to a slightly larger pin. Fourteen of the twenty-three bowlers had an average of 90 or better.

Unfortunately there was no spirited fight between any two teams for a position. Team No. 4 had the experience of dropping from second place to the cellar in the middle of the season and returning to third position in the last four or five matches.

All the bowling records were broken in the Office League this season. Montgomery rolled a high five string total of 562 and Minshull and Broadhurst were close behind with 546 and 537 respectively. The highest previous to this season was 525. The high single string is also held by Montgomery with 139, with Minshull a close second with 137.

A banquet for the Office League is being planned for the week beginning April 19, at which time the prizes will be given out and the cups presented to the winning team.

In announcing the winners of the prizes it must be kept in mind that no bowler can have more than two individual prizes, no bowler can have more than one average prize, but, regardless of all other prizes won, any bowler is entitled to team prizes as won by his team.

TEAM NO. I. WINNERS OF OFFICE LEAGUE
Left to right: Harry Scott, James Robertson, J. H. Park, William Montgomery, Captain, R. E. Lincoln, Raymond Adams

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Final League Standing

	W	L	%	
Team No. I	103	65	.613	55,611
Team No. II	87	81	.524	54,531
Team No. IV	78	90	.464	54,407
Team No. III	68	100	.405	54,157

Individual Averages

Montgomery	101.7	Crawford, H.	90.4
Broadhurst	96.6	Park	90.2
Cain	94.9	Driscoll	89.2
Lincoln	93.4	Ferry	88.9
Foley	92.8	Carpenter	88.8
Lamb	92.3	Benner	88.6
Minshull	92.2	Noyes	88.4
Noble	91.2	Dalton	87.4
McGoey	91.0	Scott	86.9
Connors	90.9	Duggan	85.8
Adams	90.7	Robertson	83.5
Parcher	90.6		

High Five Strings

Montgomery	562	Lincoln	510
Minshull	546	Noble	507
Broadhurst	537	Connors	497
McGoey	523	Park	497
Cain	521	Adams	491
Lamb	518	Parcher	491

High Single Strings

Montgomery	139	Connors	126
Minshull	137	Broadhurst	126
Noyes	132	Dalton	122
Lamb	131	McGoey	120
Park	130	Benner	119
Cain	127	Crawford	118
Lincoln	127		

Individual Averages (Handicap)

Parcher	100.3	Foley	96.7
Lamb	99.5	Ferry	96.3
Lincoln	99.3	Connors	96.0
Carpenter	98.9	Benner	95.5
Noble	98.6	Noyes	95.5
Park	97.9	Robertson	95.5
Crawford	97.7	Driscoll	95.4
Dalton	97.6	McGoey	95.3
Minshull	97.5	Duggan	95.3
Cain	97.4	Scott	94.5
Adams	96.7		

Winning Team, $24.00

Montgomery (Capt.)	Park
Lincoln	Scott
Adams	Robertson

High Individual Averages

1st prize	Wm. Montgomery	$5.00
2nd "	Geo. Broadhurst	4.00
3rd "	Walter Cain	3.00
4th "	R. E. Lincoln J. J. Foley	2.00

High Individual Averages (Handicap)

1st prize	Frank Parcher	$5.00
2nd "	C. C. Lamb	4.00
3rd "	R. E. Lincoln	3.00
4th "	M. F. Carpenter J. H. Park	2.00

High Five Strings

1st prize	Wm. Montgomery	$5.00
2nd "	John Minshull	4.00
3rd "	Geo. Broadhurst	3.00
4th "	Wm. McGoey	2.00

Continued on page 9, column 1.

Girls' Basketball Team Finishes Successful Schedule

On March 21, the Girls' Basketball Team played their final game of the season. The Agnesian Girls came to Whitinsville expecting to win but at the end of the best game of the season the score stood 22 to 10 in favor of Whitinsville. The result was much better than we hoped for as the Agnesians are considered a very fast team.

Practically every other team the girls played this year was a faster one than those played last year. It is very evident the team had rather improve by playing better teams, than to pick out those which would assure a string of victories. As it is they have eight victories and only six losses to their credit.

Perhaps the most exciting game the girls played was the one with the Presbyterian girls in Worcester. In the last minute of play a free try was made, breaking the tie and making the score 26 to 25 in favor of Whitinsville.

The Directors of the Community Association desire to thank especially Miss Lucia Bates, the Captain of the Team, Miss Mary Britton, Manager of the Team and Mrs. Richard Casey, Chairman of the Luncheon Committee. The duties of the Captain were not easy but judging from the spirit of good fellowship that reigns among the basketball girls, Miss Bates fulfilled her job of keeping everyone happy to the highest satisfaction of all. Never was it necessary to worry about arrangements for games. Letters, telephone calls, many times follow-up letters, anything that was necessary to be done was done on time and in plenty of time, by our efficient Manager Miss Britton.

Any of the visiting teams can vouch for the good eats that were so plentifully arranged for by Mrs. Casey. It was worth much to have someone who would assume entire responsibility and do the necessary work completely and in a most satisfactory way. It was through the good sportsmanship and sociability of the home team that visiting teams would go away saying they were looking forward to another visit to Whitinsville because they had had such a good time. The people of Whitinsville might be glad to know that the visiting teams are judging the whole town by these representatives and would be well pleased if they could hear some of the favorable remarks made not only to the Whitin players but to other teams.

Surprise Party for Miss Calhoun

At the close of the basketball season for 1924-1925, the girls team held a surprise party for their coach, Miss Ruth Calhoun, at which time an exceptionally pretty Cameo Ring was presented to her. When Miss Calhoun showed us the new ring she told us of her appreciation for the thoughtfulness on the part of the girls, and how much it meant to her to have this fine expression of appreciation of her work and of their association together. We asked Miss Calhoun if she would write a short article about the surprise party which she consented to do. It reads as follows:—

On Thursday evening, March 26, the basketball girls gave me a delightful surprise party.

At that time they presented me a beautiful Cameo ring, which I shall cherish all my life, remembering the givers, who are the best sports and most lovable girls I have ever known.

But like the Association, the Team is a new organization and it has only been hard application and wonderful spirit that has brought them through two seasons of basketball, with considerably more victories than losses. More important still, they have won many friends by their fine treatment of all the visiting teams.

I am sure the town must be as proud of its girls as I am, for they can travel far before they will find fourteen girls who stand for truer sportsmanship.

To receive the lovely gift from girls like this is all the more wonderful, and deeply appreciated.

GIRLS' SWIMMING TEAM
Joan McSheehy, Veronica Kane, Constance McSheehy, Margaret McSheehy, Josephine Belanger

Swimming Team Makes Good Record Its First Year

The Girls' Swimming Team composed of Joan McSheehy, Josephine Belanger, Margaret McSheehy, Agnes Donahue, Constance McSheehy and Veronica Kane, have had a very interesting season.

The first meet they participated in was February 14, at the Worcester Boys' Club, at which time Joan McSheehy won first place in the 40-yard Free Style for girls under fourteen years of age. The next one was at Pawtucket on February 18. Pawtucket won the Meet with a score of 33 to 13, but the girls are not discouraged and expect to give them a much harder fight when Pawtucket comes here.

Agnes Donahue won first place in the Diving and Margaret McSheehy came in first in the 50-yard race.

On March 21, there was another meet at the Worcester Boys' Club. The N. E. A. A. A. U. 220-yard Championship Race was run off at that meet, and we were very glad when Margaret McSheehy showed some excellent swimming and came in first.

In the big meet, put on by the Whitin Community Association, Margaret McSheehy again came to the front and captured first place in the 100. That good little sport, Joan McSheehy wasn't far behind her sister, taking third place in the race.

The Officials of the Gymnasium extend their thanks to the girls for their good work, and want them to know they greatly appreciate what they have done for the building.

Bertha O'Neil, Carrington Noel, Arthur Broadhurst

Century Swim Winners

The Century swim just closed the latter part of March, after continuing from the middle of September 1924, proved to be a great success in more ways than one.

The individuals who won were: Mrs. Bertha Wood O'Neill in the Senior Division; Carrington Noel in the Intermediate Division; Arthur Broadhurst in the Junior Division. Each was presented with a silver loving cup as a reward for their efforts in this swim.

This can be considered a success from the standpoint of the many people who engaged in this sport, as it was a project furthered for the sole purpose of helping a lot of people to increase their knowledge of swimming, and also to give them confidence. It has enabled a lot of the boys and girls to cover long distances in swimming hitherto not considered by themselves as being possible. Many of the boys and girls who entered and started out by swimming seven and eight lengths of the pool at one time finished up by swimming anywhere from 50 to 90 lengths. The time given for the swim was one half hour, so one can see that a boy or girl swimming 44 lengths, which is equivalent to half a mile or 88 lengths equivalent to a mile, has accomplished quite a bit in the art of long distance swimming. There were quite a number of tests all along the route and a lot of the swimmers now, who did not know more than one stroke before, are proud possessors of possibly three or four different strokes, and several new dives.

Mr. MaLette, Physical Director at the Whitin Community Association, wishes to commend those who entered the swim and continued it, for their good spirit in staying through until the last. It is with this spirit only that any project can be seen through to a successful end. Mr. MaLette sincerely hopes that these people will have a chance to perform in a similar manner next year.

Group Picture of Contestants and Officials at Swimming Meet Held at Gymnasium

Boston Swimming Association Officials Commend Our Swimming Activities

The swimming activities of the Whitin Community Association are becoming well known outside our immediate vicinity. Mr. Brines, the Secretary of the Gymnasium, has received several letters in which the writers expressed their appreciation of the good work accomplished in Whitinsville by our swimmers. Excerpts from a letter from Gerald Harrison of the Federal Reserve Bank, and an officer of the Boston Swimming Association, read as follows:-

"The past season in indoor swimming has certainly been a very successful winter's campaign, and the fine work of your Whitinsville swimmers has done a great deal to arouse public interest. The mere mention of Whitinsville in the sports department of any of the Boston newspapers immediately calls for 'What is the swimming meet up there this week?'

"The attention you have drawn to Whitinsville as one of the swimming centers of New England has done much to help the game in general, because the public like to see plenty of competition and new faces.

"It has been a great pleasure to attend your meets in Whitinsville, and we here in Boston have enjoyed our trips thoroughly. We have noticed particularly the fine spirit of your competitors, and the enthusiasm of your audiences and their loyalty to the local contestants was most praiseworthy."

Another letter from the Captain of the Boston Swimming Association, "Win" Marling, 100- and 220-yard New England Champion, and holder of many titles of other distances, contains the following paragraphs.

"I want to congratulate you, and all those connected with swimming at your Association, on the excellent work you have accomplished the past two years in this line of sport.

"You have certainly put Whitinsville 'on the map,' and have made a name for yourself in this short time. It has been quite an accomplishment and your community is now being recognized as a swimming center."

Sure Indications

If you wish to know whether a man has been at work, look at his palms. If you wish to know whether a girl has been at work, look at the third finger on her left hand.—(Chatham, Ont., News)

Boys' Swimming Team Developed Rapidly

The Boys' Swimming Team of the Whitin Community Association has enjoyed another very successful season, and the material as it stands now bids fair to cause very game competition for next year.

The members of the Team are as follows: Jack Brines, Captain; Carrington Noel, Captain Elect for next year; James Houghton, Bert Malkasean, Mike Pawlouski, Ray Baszner, Arthur Broadhurst, Bob Marshall, William Todd.

These swimmers have won Meets against the Pawtucket and Worcester Boys' Club, and had their goodly share of prizes in the Worcester Red Cross Meet held at the Worcester Boys' Club. Also Carrington Noel won second place in the Breast Stroke Swim at Cambridge in the School Boy Championship Meet, competing against boys from sixteen other High Schools. A Meet pending now with Plainfield Community Club is to be arranged for sometime in May.

BOYS' SWIMMING TEAM
Arthur Broadhurst, Mich. Palowski, Bert Malkassian, William Todd, Robert Marshall, Carrington Noel, James Houghton, John Brines, Raymond Baszner, Brendon McSheehy

Harry L MaLette

Physical Director Resigns

Harry MaLette, Physical Director of the George Marston Whitin Gymnasium for the past two years, has sent in his resignation to take effect the first of June. Mr. MaLette has been with the Gymnasium since its start and during that time has organized many successful classes. He has also coached the basketball team and has been one of the leading promoters of a large number of entertainments at the building, as well as leader of the community band.

Mr. MaLette has several new positions under consideration, which include the directing of physical education in a middle western college, and two of a similar nature in large eastern high schools. This summer Mr. MaLette will be in charge of a boys camp at Lake Winnepesaukee, N. H.

Trout Season Opens With Few Large Catches

The opening day of trout fishing was marshalled in with a loud clap of thunder about 2.30 A. M., together with a downpour of rain. This, however, did not dampen the spirits of the fishermen for this is supposed to be ideal weather for such sport. It continued to rain through the morning in real April shower fashion. At noon time the report came back by several of the fishermen that the best catch given in was that of Ray Kelliher of Snow's job with nine trout; Leon Wood of the Spooler job had seven and Clifford Arnold of the Drafting Room had six.

No Trespassing

Those of us who were in the army during the late war will appreciate the following joke sent in to us by a member of the Metal Pattern job.

The wife and daughter of Colonel Berry, Camp Commander, came to the gate after taps and demanded admission. The sentry objected.

"But, my dear man, you don't understand," expostulated the older woman. "We are the Berry's."

"I don't care if you're the cat's whiskers," retorted the sentry, "you can't get in at this hour."

Machine Protection

Machine guards are put there for your protection. A great deal of money and time has been spent to make this mill a safe place to work in. Do your part by keeping the guards in place. Do not remove them while machine is running. And always put them back before starting up, when removed for repairs or for cleaning.

There was a young person named Gray,
Who took the machine guards away,
He said "it's all bunk,
This safety first junk,"
His widow now works by the day.

View of Memorial Square. Photographed about 1880 from the Cupola of the John C. Whitin House

One of our good contributors brought us in a picture of the central part of the village taken about the year 1880. On the extreme left in the background can be seen what is today known as the Dudley Block, then to the right is the Methodist Church, and the Congregational Church. The long building to the right of the second church spire is the old schoolhouse and next to it, standing where the bank is now located, is the old Dudley Store building. Across the street and in the corner of the estate is the Cyrus Taft house. Behind Memorial Hall is the old Cotton Mill used at that time as a carpenter shop for the Whitinsville Cotton Mills. It is interesting to notice how small the large trees which we see today around the estate appear in the photograph. This photograph was found in the attic of the Rebecca Brown house on Linwood Avenue and was procured at the time of the auction.

William Hogarth and Bernard De Vries wish to take this opportunity of thanking their fellow workers on the Metal Pattern job for making them the official delegates from the department to attend the lecture given by Donald MacMillin in the Whitin Gymnasium. The tickets were accepted in the spirit in which they were given, and the delegates will be willing to repeat the lecture to the members of the Metal Pattern job, after working hours, in case a class of more than twenty can be interested at one time.

We do not entirely understand what the difficulty is, but there evidently is a big boxing or wrestling bout to be staged in Harrington's Hall at midnight on Labor Day. This is to be a no decision affair and according to the Pattern Loft fans is to be staged between the famous umpire, William Montgomery, and Dick Magrath's protege, Hugh Currie, clerk of the pattern office. Dick has offered to act as referee but has been barred by Montgomery as being too interested in his opponent. We doubt anyway if we can get Montgomery and Magrath to appear in Harrington's Hall at midnight, especially if there is a high wind blowing and the usual possibilities of the spiritual world float through this famous emporium.

"Breden and sisten," said Parson Jones, "Ah got sumthin Ah wants to talk to you-all about, an' Ahm goin' to do it befo' the season gits any oldah. Las' wintah evry time th' frost came, an you-all went out an' killed yer hawgs, Ah natchally expected to git me some poke. But all Ah ever got all wintah was jes' pigs' feet, pigs' feet. Ah got so ti'ad of pigs' feet Ah couldn't look a hawg in th' face. An' what Ah wants to announce to you all right now is, thet if you-all expecks me to preach in dishere congregashun DIS wintah, Ahm jest natchally goin' to have t' eat higher up on th' hawg—'ats all —HIGHER UP ON TH' HAWG!"

Picker Department has Varied Success in Poultry Business

Louis Haywood and Patrick McKeating of the Picker job have been very much interested in the poultry business during the past year; and in improving their flocks have been making mutual trades of fancy hens. The last swap included two hens which were highly recommended by Pat. The product from these two hens have resulted in only very freakish eggs, in fact, we had one of them brought to us for proof and we admit that it was something "the like of which we have never seen before." Pat claims the hens were homesick and that with a change of diet from his expert feeding was the cause of the difficulty, but Haywood claims that these eggs were on the way to development before they were traded to him, and thus the controversy runs.

We hope that the hen experts of the shop will enter into the discussion between Haywood and McKeating and help straighten out this tangle.

At Northbridge Center Kennels

It is a good trait of human nature to like puppies; in fact the most hard boiled individual will stop to play with a small pup who wags his stubby tail. The above photograph shows a few of the bird dogs at the home of Loren Aldrich on Northbridge Hill. Mr. Aldrich has had a varied and successful experience with all breeds of dogs and has promised us some very interesting photographs in the future of some of his most likely puppies.

Clarence A. Pollard

Retired Veteran Dies Suddenly

Clarence A. Pollard died suddenly at the Blue Eagle Inn on Friday, April 3. Mr. Pollard was in poor health for the past two or three years and was retired from the shop on October 25, 1924.

He started to work on the Spinning Erecting floor in December, 1900. This was his first experience in a machine shop and he became an expert fitter or machine erector. He had the unique experience of always having worked on the Spinning Erecting floor.

He boarded at the Blue Eagle Inn for more than eighteen years, and was well known both in the shop and at the hotel. He had a reputation of being a very good workman, always giving his best to the shop.

Married Men Defeat Spindle Bachelors

The single men on the Spindle job got very chesty last week and threw out a challenge to the married men to bowl them a three string total.

The single men chose Thursday night figuring that that would be the only night the married men would have seventy-five cents to pay for the bowling. Unfortunately for the single men the married men won and so the married men were able to return the seventy-five cents to their wives.

The score was very close and in fact was decided in the last box by the two anchor men on each team.

Excitement reigned supreme in the box. Dex. Wood, the anchor man for the married men scored fourteen in his last two boxes. Hom. Greenwood got a nine box in his ninth and needed a ten box to beat the married men out on the total.

With his first two balls he took seven pins and left three pins up in a row and it looked like an easy win for the single men.

Homer fixed his four eyes on the three pins and let go.

The three pins are still standing there unless somebody kicked them down. The sensational bowling of the evening was done by Dex. Wood who succeeded on two occasions in getting nine boxes. Once in the first string and again surprising the fans by getting another nine box in the last string.

A good evening was spent. In fact, that was all the married men did spend. Whenever the married men get enough courage to borrow another seventy-five cents we will bowl a return match.

	Single Men			
Stewart	82	91	93	266
Moore	73	81	73	227
Davidson	87	95	93	275
Donovan	86	81	86	253
Greenwood	76	82	88	246
				1,267
	Married Men			
Lightbown	81	82	81	244
Fitzpatrick	94	95	85	274
Johnson	77	88	81	246
Baker	87	99	97	283
Wood	74	69	79	222
				1,269

A member of Mr. Halpin's organization sent us in a clipping which states a question and an answer. He claims that this might make a good creed for anybody under all conditions of life.

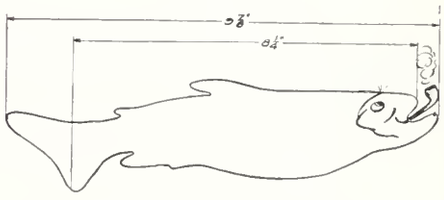
Q. "What were the famous words of the sailing orders issued by Sir John Hawkins to his ships? D.E.A.

A. "Serve God Daily; love one another; preserve your victuals; beware of fire; and keep good company."

Rastus: "Here's dat quatah Ah borrowed from yuh last year."

Sambo: "Yuh done keep it so long dat Ah don't know if it's wuff while for me to change mah' pinion of yuh jes' fo' two bits."

At the monthly meeting of the Mumford Gun Club held the last Saturday in March, a very interesting experiment in mechanics took place. After the close of the official business, W. F. Hewes of the Superintendent's Office and Dick Britton and Harold Cummings of the Tool job were about to depart in Mr. Cummings' Studebaker. On the Mumford ground at this time of the year the soil is not in the best of condition for ideal autoing. Mr. Cummings found the hind wheels up to their hubs in mud, whereupon Mr. Hewes took charge of the situation and secured a plank, and with Britton's help, attempted to aid his brother in distress. Cummings stepped on the accelerator with more than usual vim, and as a result Hewes and Britton had an expensive tailor bill the following morning, and much of the Mumford soil was removed from the tailor shop to the dumping grounds.



Clifford Arnold of the Drafting Room reports a catch of a 9⅞" trout on the opening day of fishing, April 15. The members of the Drafting Room grant that his measurements may be correct but present the above drawing to prove there may be some dispute over how to measure a fish.

You'll know him when you meet him,
And you'll find it worth your while,
To cultivate the friendshp of
The "Man Behind the Smile."

WHITINSVILLE FIFE AND DRUM CORPS OF 1890

Standing:
1. Robert Marshall
2. James Marshall
3. William Marshall
4. Albert McAllister
5. Daniel Currie*
6. William Rollins*
7. Harley E. Keeler
8. George Ferguson
9. George Brown*
10. Joseph McKeon
11. Robert Spence*
12. John McClellan
13. Richard Marshall
14. James Currie
15. James McClellan
16. Robert Magill
17. Neil Currie
18. Hiram Wood
19. (Not known)
20. John Spratt
21. James Morton
22. Henry Magee*
23. James R. Ferry
24. George McClellan

Sitting:
1. George McBratney
2. William Kelley*
3. Ernest Booth
4. Samuel Boyd
5. Frank Boyd
6. Thomas Magill
7. John Marshall

*Dead.

"The Flutes Tonight"

When the old fire station and band room, located between the freight house door and the Employment Department, was made over into the present autotruck loading room, the above group photograph was removed from its ancient and honorable position to that of the Carpenter Shop Office.

This photograph perhaps is of more interest than most of the old pictures that we have published in the SPINDLE in the past. One of the reasons is due to the fact that many fond associations are connected with this band organization. The band was very popular as the inspiring attraction during the famous political campaign in Whitinsville in 1892, when Cleveland defeated Harrison for President of the United States.

However, the outstanding reason why this picture should be of great interest to everybody connected with the shop at the present time is due to the fact that a majority of the players are now working here in the works.

The band was organized by Neil and James Currie at their home on Cottage Street, and the first meeting was held in the Dudley Block where the Bank Building is now located.

The instruments and uniforms were furnished the band by the Republican Club of Whitinsville.

To those who are not connected with the band, the following statement will not be so very humorous, in fact it is still a puzzle to many of us just why the old timers take such great delight in recalling this phrase. Evidently there was a distinct Irish brogue attached to it, and the personality of its originator had much to do with its attraction. To get a smile from any of the old time band players, just ask them about "The flutes tonight, the drums tomorrow night, and the whole 'Dum' band the night after."

Blue Print Humor

Yelle Hooyenga, the famous story teller of the Drafting Room, always tells a story by giving us the title first. Under the title "Shaking the Wrong Stuff," Yelle tells us of the patient who when instructed to take a medicine by the doctor, read the label "Shake Well Before Using," and had his wife give him a severe shaking before each teaspoonful. He died.

He follows this one up with one entitled "Better Late Than Never." This story tells us about the man who owns a house and goes to the fire insurance agent to get insurance on the house. The agent asks the man how much the house is worth, and the owner replies, "You had better hurry up and make out the insurance because it is on fire now."

Mr. Hooyenga further wishes to announce to his many friends that he is now the original "millionaire kid." He wants to recommend his Uxbridge tailor who delivered him a suit with two pair of pants for the very reasonable price of $12.50. Mr. Hooyenga will be glad to verify this statement on request.

BABY CLINIC AT GYMNASIUM
Miss Sanderson, Assistant District Nurse, Baby's mother, Dr. W. E. Balmer, baby exhibit A, Mrs. McKaig, District Nurse

The WHITIN Spindle

MAY-JUNE
1925
Vol. 6 No. 3

1. View from the first tee, it is 497 yards to the flag. You will notice how nicely surrounded it is with traps. 2. A view of the second hole, a short hole, but look out. 3. A view from the 8th tee, this is an elbow hole, the hole is to the left of the big tree. 4. A view from the 9th tee, this is a water hole and will require a long true drive to start, for if you slice it you're lost.

The WHITIN Spindle

VOLUME 6 WHITINSVILLE, MASS., MAY–JUNE, 1925 NUMBER 3

The Whitinsville Golf Club

There has recently been organized in Whitinsville, Mass., the Whitinsville Golf Club for the purpose of promoting all out-of-door sports, particularly golf and tennis.

At a meeting of Founder Members recently held, the articles of incorporation were signed, by-laws adopted and the following officers elected for the first year: Ralph E. Lincoln President, Wm. O. Aldrich Vice-President, Edward S. Alden, Jr. Treasurer, Robt. G. McKaig Secretary, and the following who with the above mentioned form the Board of Governors: Sydney R. Mason, Wm. H. Hoch, John W. Lasell, Dr. Frank B. Johnson and Ernest T. Clary.

Arrangements have been made by which the club house now in process of being erected and the golf course which was constructed last summer and fall, are to be turned over to the golf club by lease from the Whitin Machine Works.

This property which was formerly part of the Whitinsville Cotton Mill Farm is located about ¼ of a mile from the Whitinsville Town Hall on Fletcher St., the back road from Whitinsville to Uxbridge.

The club house is located at the northern end of the property, that nearest the town. This location is such that an excellent view of all but two of the nine holes of the course can be seen, and situated as it is on the banks of the Mumford River, the outlook is most picturesque.

The building, as planned, has a frontage of 96 feet with a depth of about 52 feet. It will be of one story construction with broad piazzas on three sides. On the first floor is a large living room 36 feet by 39 feet with an office and ladies room on one side and a dining room and kitchen on the other. In the basement will be located the men's and ladies locker rooms with shower baths and toilet facilities for each and provision is also made in the basement for a golf professional shop, living quarters for the caretakers, storage room, heater room, etc.

The building is to be of wood construction with open finish on the interior. The design has been worked out by Jos. D. Leland, Inc. The construction work is being done by the Whitin Machine Works.

The golf course is nine holes and was laid out and constructed under the supervision of Donald J. Ross.

The tract of land chosen for this course was admirably adapted for the purpose and the major part of it, having been under tillage for a number of years made the actual clearing of the land and construction of the course a much less expensive problem than in most cases. The land is of the rolling type and offers many natural conditions that contribute to a first class golf course. The indentations of the Mumford River make it possible to have two water holes and a brook runs through the fairways of the first and sixth holes.

In laying out this course, Donald Ross was given carte blanche to make it the very last word in golf course construction and it is the general opinion that Mr. Ross has accomplished this result.

The total length of the course is approximately 3200 yards, the distances of the various holes and par for the same being as follows:

No. 1	497 yds.	par 5
No. 2	137 "	" 3
No. 3	383 "	" 4
No. 4	350 "	" 4
No. 5	440 "	" 4
No. 6	416 "	" 4
No. 7	170 "	" 3
No. 8	350 "	" 4
No. 9	420 "	" 4

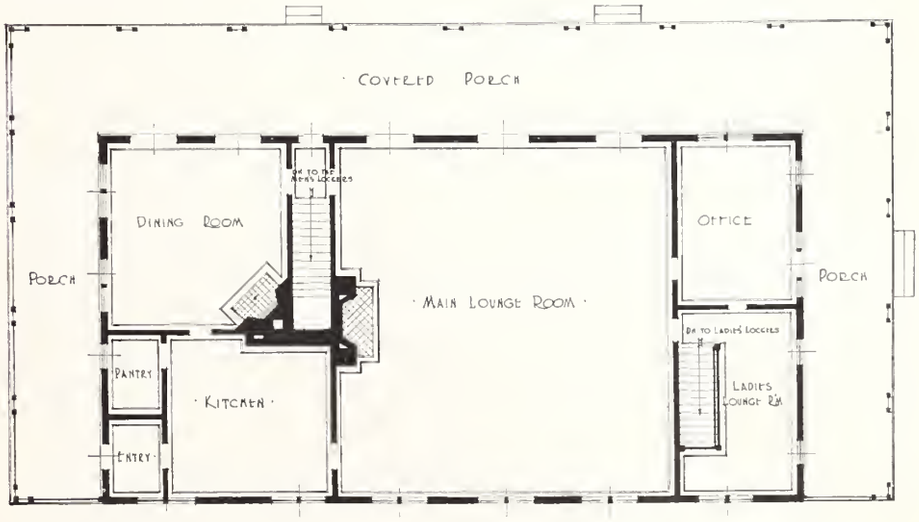
Hole No. 1 is a long slightly elbowed hole from a tee located about 50 yds. in front of the Club House over a ravine at about the 225 yd. mark to a large and well trapped green located on the top of a small hill.

Number two is the shortest hole of the course and will prove an unexpected stumbling block for the best of players. The tee shot must be very accurate as the elevated green is small with traps at the front and sides and rough grass at the rear.

Number three and four holes located across the road lend variety to the course in that they are on a different tract of land having woods on the sides and back. From the fourth tee located well back in the woods on a hill the vista is very beautiful. Both of these holes are trapped in a way to penalize the player who is very far off the line.

Passing back across the road the fifth tee is located close by No. 2

Continued on page 13



FIRST FLOOR PLAN

Romance of Cotton Machinery

George Gannon of the Drafting Room continues his article on the "Romance of Cotton Machinery" with an interesting description of the various differential motions.

The roving frame is one of the most interesting machines to the machine designer. The first section of the roving frame which appeals to the student is the study of differential motions. There are about six differentials in common use today, the oldest being the "Houldsworth" shown in Figure 14. When the sun gear G rotates opposite to the shaft A, it adds revolutions to the bobbin driver gear D to the extent of two revolutions for every revolution that the sun gear G makes.

Figure 15 shows the diagrammatic application of a "Houldsworth Motion" to a roving frame.

Figure 16 shows a differential similar to that of Howard and Bullough. There is a main shaft A which has a constant speed motion and carries around with it a short shaft D. The shaft D is free to rotate in A. On shaft D there are two bevel gears G and E. Gears H and F are loose on shaft A. H is called the sun gear and is driven by the bottom cone. F has 18 teeth, E has 30 teeth, E and G are keyed to shaft D. G has 16 teeth and C has 48 teeth.

When F is held stationary and shaft A is rotated one turn, the driven gear C received only $\frac{4}{5}$ of a turn.

Figure 17 shows a differential similar to Curtis and Rhodes. A is a main driving shaft on which is a loose bushing, M having a gear M (30T) on one side and gear N on the other. N receives variable speed from the bottom cone. Gear M meshes with K (25T) on stud L. J (17T) and K are fastened together. J meshes with G (30T). Gears G and E (14T) are fastened to a short shaft F which is free to rotate. The gear E meshes with an interval gear D (90T) on which is mounted a gear C. The short shaft F and the stud L which carry the gears E, G, J and K, are swung by the disk H which is fastened to the shaft A. The ratio of this gear is 119/1125.

Figure 18 shows a differential after the Daly principle.

Figure 19 shows a Brooks & Doxey type and Figures 20 and 21 show a Howorth differential, all of which will be explained at a later date.

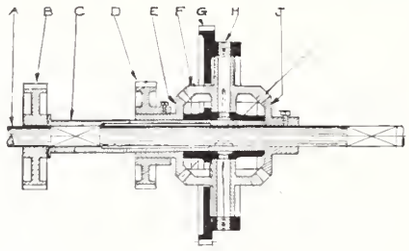


Fig. 14.

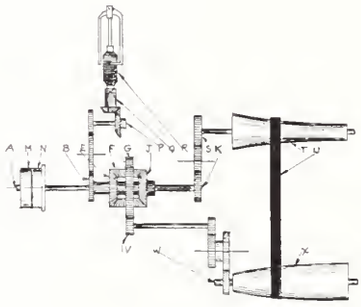


Fig. 15

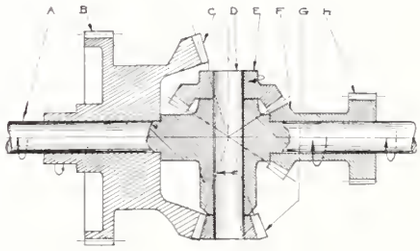


Fig. 16

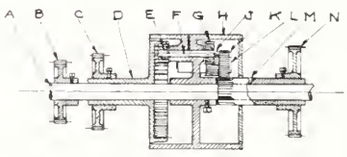


Fig. 17

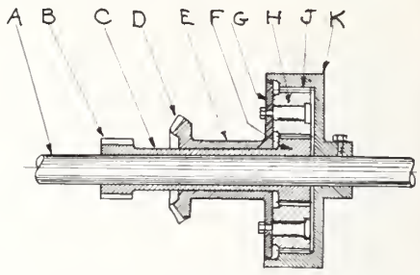


Fig. 18

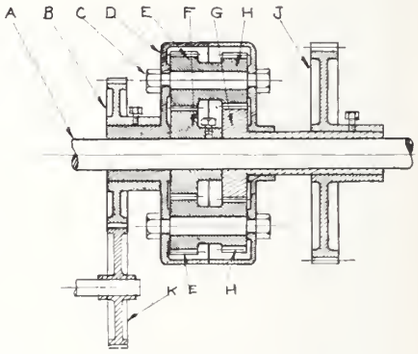


Fig. 19

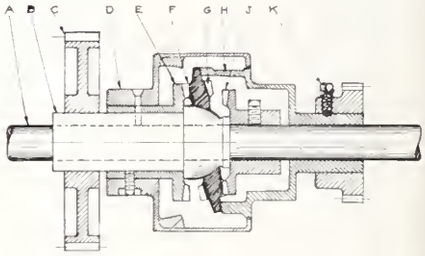


Fig. 20

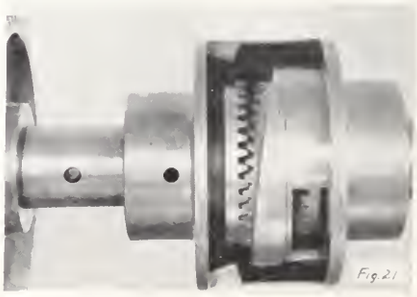


Fig. 21

Wm. J. Johnston

Our Long Service Series Foreman Completes Fifty Years Service

William Johnston, foreman of the Drawing job, completed fifty years of service in May. He entered the Whitin Machine Works in the spring of 1875, starting on the Card job under George Armstrong, and remained in there until March, 1877, when he started to serve his time as an apprentice. During his apprenticeship he worked for Lloyd Smith on Rolls, Remington and Bathrick on Spinning, Malcom Burbank on Looms and Howard Burbank on Cards. Before finishing his time, he was transferred to the Drawing job under Fred Houghton, and has been employed there ever since except during one or two business depressions.

Mr. Johnston was appointed second-hand of the Drawing job in 1888, and upon the retirement of Mr. Houghton in June, 1911, he was made foreman.

Found—Near Leland Road leading to upper East Street, a bag containing a set of calipers, a pipe, a supply of tobacco and other useful articles. Owner may have same by getting in touch with Thomas H. Driscoll of the Main Office.

You can say one thing for the Ten Commandments. It never is necessary to write them in code.

A Pre-Nuptial Dinner

A very attractive dinner party was given for Alice Magill at Odd Fellows Hall, May 27, by the girls of the office, in honor of her coming marriage to Mr. Frank Jefferson of town. Miss Magill was presented with a silver set.

During the evening a very clever entertainment was put on by some of the girls. Among the star performers were Catherine Munt, Margaret McKaig, Mary Cook and Helen Cotter. We understand that some of the large theatrical producers are on their trail.

Those present were Nellie Vail, Isabelle Hamilton, Jessie DeBoer, Alma Bassett, Elaine Brown, Alice Ferguson, Katherine Scott, Marion Wood, Susan Pollock, Lucia Bates, Margaret McKaig, Mary Cook, Mildred Sylvester, Mrs. Ballou, Gertrude Barlow, Mary Britton, Dorothy Vanderschaft, Jane Currie, Eva Feen, Mrs. George Bliss, Catherine Munt, Lena Roche, Florence Baldwin, Gwendolyn Searles, Mrs. Dorothy Hamblin, Ethel Kenney, Doris Aldrich and Helen Cotter.

Lester Dermody of the Production Department was at one time the proud owner of the five puppies shown in the above photograph. With the exception of the one in the middle, the other four are now the property of some of Whitinsville's famous hunters. How Mr. Dermody succeeded in keeping the pups quiet long enough to take such a good picture is more than we can understand.

Every man who makes his living with his hands needs the protection which safe guards provide.

Firemen's Field Day and Muster

The first annual field day and muster of the Whitinsville Fire Department was held on Vail Field, Saturday, June 5, with teams from the following fire departments competing in the various events, Milford, Hopedale, West Brookfield, Westboro, Ashland and Whitinsville.

The first event of the day was a baseball game between the Whitin team and the Town Talk team of Worcester, the visitors winning 8 to 6. The game was called in the seventh inning because of the intense heat.

The dry hose coupling contest was first on the program for the afternoon events and was won by the Milford team in the fast time of 17⅖ seconds. The Whitinsville team made the same time as Milford.

The Ashland team took first prize in the wet hose coupling contest, the time being 15½ seconds.

Following this event two teams picked from the Whitinsville Department staged a water polo game, team No. 1 defeating team No. 2 by a score of 2 to 1. Those on the winning team were Capt. Arthur Marshall, Harold Cummings, Fred Osgood, Robert Henson, George Williamson and William Britton.

The midway and booths were in charge of James R. Clarke and did a rushing business.

The following committee was in charge of arrangements, Charles A. Britten, Chairman, Louis R. Veau, Secretary and Treasurer, Daniel Duggan, James R. Clarke, Wilfred O. Aldrich and Winford Jones.

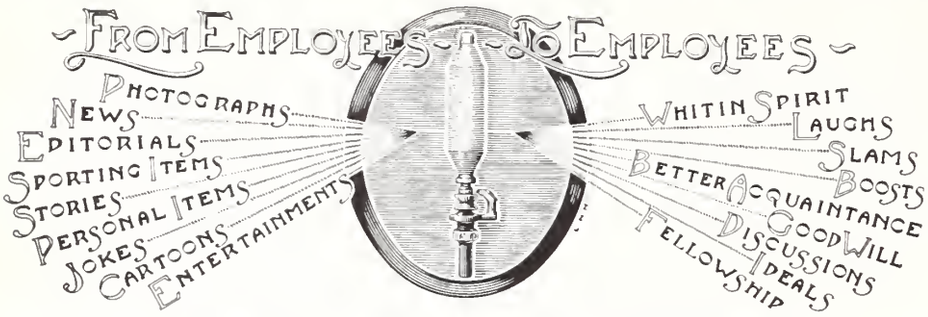
Disposed of

An ancient car chugged painfully up to the gate at the races. The gate-keeper demanding the usual fee for the automobiles, yelled:

"A dollar for the car."

The owner looked up with a pathetic smile of relief and said: "Sold!"

Your boss may determine your salary, but you yourself determine your worth. To get more, make yourself worth more.



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

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"I Don't Know"

The most exasperating individual in the business world is the person who, when asked for information, gazes at you with a lost look and says, dumbly, "I don't know." You do not mind a bit if the fellow whom you expect may be able to answer your query, happens to be ignorant, provided he can tell you where to find, out, or if he shows some interest in helping you to find the answer.

For a fact, one sure way to get ahead in any business is to establish a reputation for being able to answer questions. When your fellow workers get into the habit of asking you for information when they are stumped, you are surely on the road to a better job.

In almost every organization there is at least one such fellow. You can ask him a question that is a mile out of his line, and probably he can't answer it; but the very fact that he is unable to answer whets his curiosity, and he becomes as interested as you are in getting the facts. He has an idea where and how to find out, and he gets busy in the search. And your respect for him is just as great as though he were able to tell you right off the bat.

On the other hand, the person who blandly says, "I don't know," and shows ho inclination to find out, goes down several points in your estimation. And after a couple of such experiences, you put him down for a "Dumbbell." It is not necessarily the man who carries a hatful of miscellaneous facts around with him that wins the money. Walking encyclopedias are seldom found in big jobs. It's the man who knows where to find facts quickly, when he needs them, who counts.—*Selected.*

Whitin Home Garden Club

Harley E. Keeler, President of the Whitin Home Garden Club, predicts the most prosperous year in the history of the club. There were one hundred and sixty gardens given out by the first of May, exceeding last year's total by twenty.

There will be a mid-summer examination of the gardens as in past years, and prizes will be given those in the best condition.

Plans are already being laid for a bigger and better show in the fall, at the George Marston Whitin Gymnasium, followed by an entertainment and dance.

The supervisors and their districts are as follows:

Joseph T. Cahill, Lot No. 1, Taylor Hill.

Fred Hathaway, Lot No. 2, Taylor Hill.

A. M. Meader, Lot No. 3, Taylor Hill.

William Harkema, Lot No. 4, Taylor Hill.

James Hayes, Lot No. 5, Taylor Hill.

O. M. Jacobs, New Fairlawn.

Gilbert Harwood, Old Fairlawn.

William Walsh, Crescent Street.

John Dufries, Lot No. 1, Brick School.

Klaus Dufries, Lot No. 2, Brick School.

J. Harringa, Lot No. 3, Brick School.

Thomas Taylor, Lot No. 4, Brick School.

Surprise Celebration of 40th Anniversary

Mr. and Mrs. Yelle Hooyenga were pleasantly surprised at their home on C Street on the evening of May 19, by the members of the Drafting and Experimental Rooms, on the occasion of their fortieth wedding anniversary. Yelle was presented with a supply of tobacco which will keep him in smokes for some time to come, and Mrs. Hooyenga was presented with a beautiful flowering plant.

Mr. and Mrs. Hooyenga came to the United States from Holland in 1896, and lived in Northbridge for two years previous to coming to Whitinsville.

One of Yelle's numerous friends asked him if his visitors had brought any moonshine with them, to which he gave the following reply, "No, but they brought some sunshine."

Mr. and Mrs. Hooyenga wish to thank the members of the Drafting and Experimental Rooms for their kind remembrances on the occasion of their anniversary.

Some Safety Hints

Wear your goggles over your eyes and not on your forehead.

Don't look to others to think safety for you. Do it yourself.

Do not think that because an accident has not happened, it can not happen.

The best way to save time in the long run is to take time to do your work in the safest possibly way.

J. A. Parsons

It is with deep regret that we have to record the death of another long service employee, J. A. Parsons, foreman of the Card Clothing department, who died Monday, June 1, after a brief illness.

Mr. Parsons started working in the shop on top rolls under W. H. Thurber in August, 1889, and in September, 1892 was transferred to the Card Clothing job. He was made foreman of this department March 20, 1899 and served there until his death.

The sympathy of his fellow employees is extended to his family.

John G. Orr, a veteran of twenty-six years service in the Whitin Machine Works, died at his home on D Street, Monday, May 1. Mr. Orr had been in ill health for some time, due to paralysis, but seemed to be improving and his death came as a shock to his many friends.

He started to work in the Whitin Machine Works in August, 1899, and since that time had been employed on various jobs throughout the works. Previous to his illness he was employed as a watchman.

The sympathy of his friends in the Whitin Machine Works is extended to his family.

"How do you find marriage?"

"During courtship I talked and she listened. After marriage she talked and I listened. Now we both talk and the neighbors listen."

Rules as They Used to Be

It is always interesting to read of conditions as they existed in the past. The following list of "Regulations" has been contributed by one of the long service men in the shop, Mr. William Taylor. One of Mr. Taylor's relatives worked in the Amoskeag Mills and was required to sign this document, a copy of which she retained.

The Overseers are to be punctually in their rooms at the starting of the Mill, and not be absent unnecessarily, during working hours. They are to see that all those employed in their rooms are in their places in due season, and keep a correct account of their time and work. They may grant leave of absence to those employed under them, when there are spare hands in the room, to supply their places; otherwise they are not to grant leave of absence except in cases of absolute necessity.

All persons in the employ of the Proprietors of the Amoskeag New Mills, are required to observe the regulations of the room where they are employed. They are not to be absent from their work without consent, except in case of sickness, and then they are to send information to the overseer of the cause of their absence.

They are to board in one of the boarding houses belonging to the company, unless permitted by the Agent to do otherwise, and conform to the regulations of the house where they board.

The company will not employ any one who is habitually absent from public worship on the Sabbath, or who uses profane or indecent language in the Mills or elsewhere, or who uses ardent spirits as a beverage.

All persons entering into the employment of the company, are engaged to work twelve months; and are to work as many hours per day as the Mills run, considering that number a days work.

All persons intending to leave the employment of the company are to give two weeks notice of their intention, to their overseer; and their engagement with the company is not considered fulfilled unless they comply with this regulation.

Payments will be made monthly, including board and wages, which will be made up to last Saturday of each month, and paid in the course of the following week.

Any one who shall take from the Mills or the Yard, any yarn, cloth, or other property belonging to the company, will be prosecuted for every such offence.

Tnese regulations are considered a part of the contract with all persons entering into the employment of the Proprietors of the Amoskeag New Mills.

Overseers hiring help are not allowed to set them at work until they produce a copy of these Regulations with the certificate below, signed by the person hired.

"The specialist I consulted yesterday advised me to go to a warmer climate."

"Just what a fellow told me today when I asked him for a loan of a few dollars."—New York Sun.

Nazairre Laferriere

Members of the shop were sorry to hear of the death of Nazairre D. Laferriere on Monday, May 18, at his home on North Main Street. Mr. Laferriere was a member of the Foundry organization and was employed in that department during his twenty-nine years of service in the Whitin Machine Works.

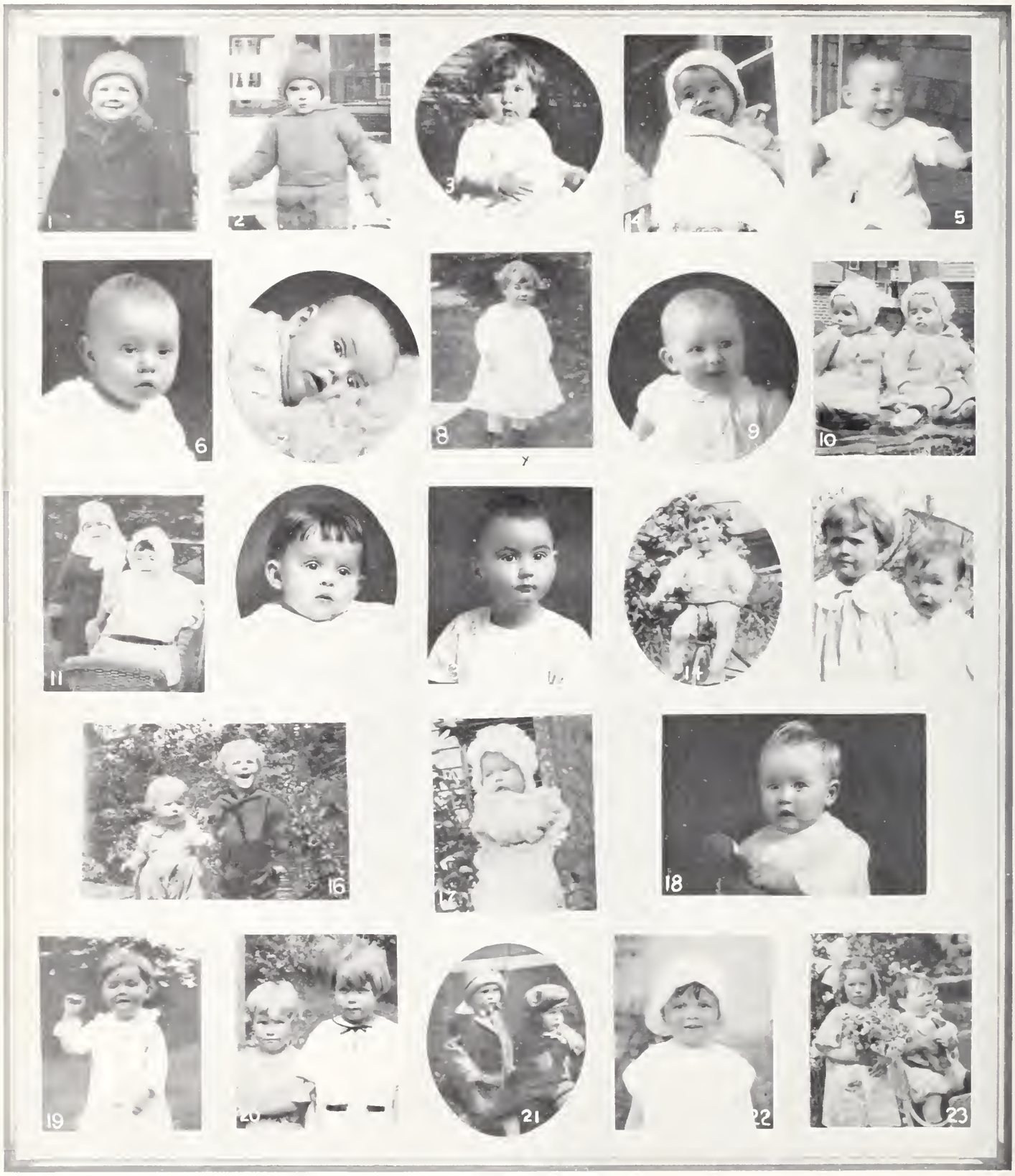
Mr. Laferriere was an enthusiastic member of the Whitin Home Garden Club, being a consistent prize winner at all shows held by the Club.

Our sympathy is extended to his family.

Mr. Robert Brighty, one of our retired long service veterans, brought us in the following information which he copied from one of the headstones in the cemetery at Northbridge Center. He was of the opinion that less than ten people in the town of Northbridge were aware of the fact that the Taft family had so many descendants.

"In Memory of Mrs. Lydia Taft, Wife of Capt. Ebenezer Taft, who died Jan. 29, 1829 in the 91st year of her age, leaving 2 children, 27 grandchildren, 89 great grandchildren and two of the fifth generation, in all 121 descendants now living."

The nice thing about telling the truth is that you don't have to remember what you say.



1. William Jr., son of William Ledeau, Card job.
2. Joseph A. son of James Murphy, Roll job.
3. Kurt F. son of Fred Harder, Spinning setting-up job.
4. Lucy, daughter of Alex. Ross, Planer job.
5. Charles A. son of John Ashton, Bolster job.
6. Morgan, son of Raymond Kelliher, Carpenter Shop.
7. Sadie Annie, daughter of John De Boer, Flyer job.
8. Shirley, daughter of Everett Stebbins, Card job.
9. Richard Henry, son of H. B. Thorngren, Blacksmith Shop.
10. Eleanor and Doris, twin daughters of Harry Kiernan, Metal Pattern job.
11. Lois Elizabeth, and Carol Gifford, children of Wm. Baines, Tool job.
12. Frances Estelle, daughter of Lewis Kenney, Production Dept.
13. Pauline, daughter of Robert Brown, Drafting Room.
14. J. Francis Glennon, grandson of Mrs. Dora Rascoe, Brush job.
15. Mary A. and James J., children of James Kane, Outside Paint job.
16. Leonel and Philip, children of Robt. Zuidema, Speeder parts job.
17. Leonice May, daughter of Albert Kelly, Spinning Parts job.
18. Joanna Minnie, daughter of John Vanderbaan, Drawing job.
19. Frank Milton, son of Wm. Crossland, Spinning Setting-up job.
20. Anna and Clara, daughters of John Dufries, Spinning Parts job.
21. Dorothy and William, grandchildren of William Dale, Repair job.
22. Nancy May, daughter of Harry E. Lees, Wood Pattern job.
23. Dorcas Mildred and Ronald Francis, children of Frank Clark, Comber Setting-up job.

24. Eileen and Eunice, children of C. J. Reilley, Automatic job.
25. Mary Elizabeth, daughter of Alfred Sutcliffe, Wood Pattern job.
26. Maria, daughter of Albon Nelson, Repair Department.
27. Marjorie Helen, daughter of John Kooistra, Drafting Room.
28. Audre Joan, daughter of John Dalton, Piping Department.
29. Wallace Earl and Dorothy, children of Earl Hammond, Production Department.
30. Mary, daughter of Timothy Londergan, Cast Iron Room.
31. John F., son of Thomas Rogers, Piping Department.
32. Albert George, son of George West, Drafting Room.
33. John and Francis, children of John Lash, Spinning Parts job.
34. Meredith, daughter of Philip Boyd, Tool job.
35. Philip Jr., son of Philip Boyd, Tool job.
36. Harold Crawford, son of Thomas Wallace, Planer job.
37. Rita Baldwin, daughter of Louis Veau, Foundry.
38. Alice June, daughter of David Gray, Automatic job.
39. Judith, daughter of M. J. Brines, Sec'y Whitin Community Association.
40. Francis Jr., son of Francis Joslin, Wood Pattern job.
41. Bernice, daughter of Anthony Campo, Yard.
42. Francis, son of Jos. Laporte, Automatic job.
43. Philip Flemming, son of William Skillen, Flyer job.
44. William A. son of Wilfred Aldrich, Picker job.
45. Beatrice M., daughter of Fred Tebeau, Brush job.

Whitin Team Making Good Showing in Blackstone Valley League

WHITIN MACHINE WORKS BASEBALL TEAM
Front row: Campo, J. Steele, W. Steele, O'Neil, Carroll; second row: J. Leonard, Hartley, McKee, Malgren, Sullivan; Back row: Crawford, Treas., F. Leonard, Vincent, Kearnan, Coach, McGuire, Murray, Dalton, Mgr.

With four weeks of the Blackstone Valley Baseball League schedule completed, the Whitin team is in second place with six wins and two losses, two full games behind the Douglas team. After winning the first three games, they were defeated by Douglas and later by Rockdale. A summary of the games played up to the time the SPINDLE went to press follows.

The team opened the season in Uxbridge on Saturday, May 16, and won from their old rivals 7 to 3. Uxbridge got off to a two run lead early in the game, but the boys got to Jowett for six runs in the fifth inning and put the game on ice. With the exception of the fifth inning, Jowett pitched good ball for Uxbridge and gave some of our heavy hitters considerable trouble. Murray pitched a good game, allowing but seven hits, which he kept scattered.

On Thursday, May 21, the Millbury team was defeated at Vail Field, 6 to 3. Vincent was in the box for Whitins and allowed but six scattered hits. Hartley's fielding and Sullivan's hitting featured this game.

On Saturday, May 23, the team went to Fisherville and had a comparatively easy time, winning by a score of 8 to 1. Malgren started for Whitins but was ineffective with men on bases and gave way to Murray in the fifth inning. Bill had one of his good days, only three men facing him in each of the last four innings. Hartley hasn't got over the "foul" ball he hit during this game.

On Thursday, May 28, a large crowd followed the team to Douglas and had high hopes of seeing the boys win, for three innings, but four runs in the fourth and fifth innings was too much of a handicap. Poor base running ruined any chance the team had of scoring in the sixth inning, after the first three men up had singled.

It has been a long time since a Whitin team succeeded in defeating Rockdale twice in succession, but this feat was accomplished on Memorial Day. The game in the morning, played at Vail Field, was not decided until the last man was out, McGuire's great stop of a hard hit ball putting an end to a Rockdale rally. This game was featured by Hartley's playing, both at bat and in the field, and the batting of Jack Leonard.

The teams played a return game in Rockdale on the afternoon of the holiday, Whitins winning 3 to 1. The Rockdale team could do nothing with Vincent, who allowed but three scattered hits, showing the best pitching to date. Hartley continued his good work of the morning, making three or four sensational catches out in left field.

The boys tried to make it three straight from Rockdale on Thursday, June 4, but were defeated 5 to 0. Donais, pitching for Rockdale, struck out thirteen and allowed but five scattered hits. Murray pitched well enough to win ordinarily but loose fielding put him in the hole several times when the side should have been retired.

In the first extra-inning game of the season, the Whitin team defeated Uxbridge in Uxbridge, on June 6, 8 to 7. It was a free hitting contest for the first five innings. Vincent relieved Malgren in the sixth and held Uxbridge to three hits during the last five innings. Hartnett, who did so well against Douglas, relieved Jowett and did not fare so well against the Whitin sluggers, they scoring three runs off his delivery and winning out in the tenth.

With Murray and Vincent pitching good ball and Malgren coming around the team should figure high in the standing at the end of the season. The rest of the team is coming along fast and some good games will be seen at Vail Field during the year.

The league standing and the batting averages of the Whitin players are as follows:

BLACKSTONE VALLEY LEAGUE STANDING

	W	L	%
Douglas	8	0	1.000
Whitins	6	2	.750
Rockdale	3	4	.429
Fisherville	2	4	.333
Uxbridge	2	6	.250
Millbury	1	6	.143

BATTING AVERAGES

	AB	R	H	%
Sullivan	9	1	5	.556
Leonard, J.	30	4	12	.400
Hartley	29	3	10	.345
Kearnan	29	8	9	.310
O'Neil	33	7	10	.303
McGuire	34	3	8	.235
McKee	9	0	2	.222
Steele	19	3	4	.211
Murray	11	0	2	.182
Leonard, F.	32	7	6	.156
Malgren	8	1	1	.125
Vincent	8	0	0	.000
Carroll	20	0	0	.000

Sunset League Opens Seventh Season

Speeders Leading

The opening game of the seventh season of the Sunset League was postponed on account of rain. With the season only five weeks along, it has been necessary to call off four games due to the weather.

The teams represented this year are the same as last, the Speeders, Spinning, Foundry and Yard. With the exception of the Yard, the teams seem to be pretty evenly matched and some good games should be seen before the summer is over.

The Speeders, under the direction of "Wricky" Malgren and "Jim" Ashworth, have got away to a flying start, having won three games and lost none.

Raymond Barlow and Edward Savage are doing the umpiring this year, and considering the fact that neither of them had any previous experience, are doing good work. It has been noticed that some of the fans take a great delight in "riding" the umpires, and wonder if those who specialize at this could do any better.

The opening game on Wednesday, May 13, saw the Speeders come from behind and defeat the Spinning 10 to 6, after the Spinning team had secured six runs in the first two innings with the help of five passes, three errors and two or three hits. The Speeders got to Postma for three doubles and three triples which helped account for their ten runs.

The Speeders won their second game on Monday, May 18, defeating the Foundry 6 to 5. The Foundry can attribute this defeat to Lozier, second baseman for the Speeders, who played a great game in the field, robbing the heavy hitting Foundry team of four or five hits when they meant runs.

The Spinning team broke into the win column on Wednesday, May 20, when they defeated the Yard 11 to 4. The Spinning team took advantage of eight errors contributed by the Yard team in scoring their eleven runs.

The Speeders defeated the Yard in the best game of the season on Wednesday, May 27, by a score of 3 to 0. After the first two innings, when the Speeders scored their three runs, Britton allowed them but one hit. Ashworth pitched good ball for the Speeders, allowing his opponents but four hits during the seven innings.

On Monday, June 1, the Spinning was out to trim the Speeders, getting four runs in the first inning, but one of the worst storms of the year made it necessary to call the game before the Speeders had a turn at bat.

On Monday, June 8, the Yard team went completely to pieces and the Spinning team had a walkover, winning 18 to 3. Britton received very poor support, the Yard players contributing error after error on easy chances.

The league standing and batting averages through the week ending June 13, are as follows:—

Sunset League Standing
Week Ending June 13

	W	L	%
Speeders	3	0	1.000
Spinning	2	1	.667
Foundry	0	1	.000
Yard	0	3	.000

Batting Averages

	AB	R	H	%
McGuire, C.	4	0	3	.750
Keeler	3	0	2	.667
Ballard	4	3	2	.500
Britton	4	1	2	.500
Simmons	4	1	2	.500
Johnston	2	1	1	.500
O'Neil	11	7	5	.455
Postma	9	4	4	.444
Lozier	9	3	4	.444
Bogie	7	1	3	.428
McGuire, F.	7	0	3	.428
Nash	7	4	3	.428
Ashworth	10	2	4	.400
Steele, J.	5	1	2	.400
Jackman	8	1	3	.375
Corron	6	3	2	.333
Jones	3	1	1	.333
Malgren	6	0	2	.333
McKee	3	0	1	.333
Walsh	9	3	3	.333
Campo	7	2	2	.286
Carroll	4	1	1	.250
Veau	4	1	1	.250
Benoit	4	1	1	.250
Buma, S.	9	1	2	.222
Wallace	9	1	2	.222
Hall	11	4	2	.182
Brennan	6	3	1	.167
Sweeney	6	1	1	.167
Steele, W.	8	3	1	.125
Colthart	3	0	0	.000
Crawford	3	0	0	.000
Cooney	3	0	0	.000
Vautor	3	0	0	.000
Donovan	4	0	0	.000
Hartley	4	0	0	.000
Belval	5	0	0	.000
Clark	5	2	0	.000
Buma, P.	6	0	0	.000
Smith	7	0	0	.000

Many of the older employees of the shop will recognize the members of the old "Riversides" team. With the exception of "Sally" Jones and Louie Veau, who are still going strong with the Foundry team in the Sunset League, the rest of them confine their baseball activities to lending encouragement from the side lines.

OLD RIVERSIDE TEAM

Front row: Wm. Ward, Arthur Woodcombe, Jos. Burns, Isaac Finney, Thomas Driscoll; Back row: Ray McCarthy, Dennis Connor, Pat Duggan, Fred McCarthy, "Sally" Jones, Louie Veau.

Field Corn or Sweet

Any employees of the shop desiring to get a line on some good corn should get in touch with Simon Platukis of the Blacksmith Shop, who is acting as agent for Alex. Johnson. Simon's first customer was William Waterhouse of the Cast Iron Room. After Mr. Waterhouse finished planting he discovered he had purchased Field Corn and not Golden Bantam Sweet Corn as he had thought, and his visions of a cleanup on the corn market were smashed. Simon has yet to make his second sale and is contemplating handing in his resignation and confining his future activities to the Blacksmith Shop. We advise anyone to avoid mentioning the word "corn" while holding conversation with Mr. Waterhouse.

William Scott, of the Carpenter Shop, and Ralph Wood, formerly employed at the George Marston Whitin Gymnasium, left Whitinsville Monday morning, June 1, on a trip to California. In order to get well acquainted with that machine called the "Ford", which they are depending on to carry them across the country, the pair purchased one, three weeks previous to leaving Whitinsville. They expect to be gone for three or four months, and plan on stopping along the way to take in the various points of interest. When last heard from, they were leaving Detroit and going strong. Their many friends in the shop wish them the best of luck on the trip.

Vacation Pictures Wanted

During the coming three months many members of the Whitin Machine Works will be spending their vacations at the seashore or in the mountains. We would be pleased to print any photographs which may be taken during that time.

It is about as bad to be thrown down by a friend, as to be held up by a stranger.

ERNEST FULLERTON

The sailor pictured above was a familiar sight around the shop not so many years ago, having worked on several different jobs during his service here. Since leaving us to enter the Navy, Ernie has had the pleasure of seeing considerable of the world at the expense of Uncle Sam. The ship on which he is stationed was ordered to Shanghai where he expects to remain for the next year or two. Since joining the Navy, he has received several promotions and at the present time holds the position of second-class torpedo man.

Leon Barnes, of the Tool job, took his friend "Sally" Jones up into the country on a fishing trip during the last week in May. "Sally" had visions of bringing home a large string of fish to show to "Bob" Ferguson and some of his other friends, but upon arriving at their destination discovered that he had forgotten to bring his fishing rod along. The next day "Sally" had a hard time explaining to his many friends how he expected to catch fish without a rod. We wonder what was on "Sally's" mind to cause this temporary state of "amnesia."

The man who becomes so big and so successful that he has no time for a kind word and a helpful deed becomes a failure.

Winners in Swimming Meet

A swimming meet was held in the George Marston Whitin Gymnasium Pool on Saturday evening, May 23, to decide the various champions of the association for the year 1925. The competition was keen in some of the events and the times turned in were good. Following is a summary of the various events and the winners.

Fifty-yard free style, Burt Malkasean, time 29.3 seconds.

Fifty-yard free style for girls, Margaret McSheehy, 32.7 seconds.

Forty-yard breast stroke, Carrington Noel, time 30.3 seconds.

Forty-yard breast stroke for girls, Constance McSheehy, 38.5 seconds.

Forty-yard back stroke, Burt Malkasean, time 29 seconds.

Forty-yard back stroke for girls, Joan McSheehy, uncontested.

One-hundred yard swim, Jack Brines, time 1 minute 18 seconds.

One-hundred yard swim for girls, Josephine Belanger, 1 minute, 25 seconds.

Two-twenty yard swim, Jack Brines, time 3 minutes, 27½ seconds.

Two-twenty yard swim for girls, Margaret McSheehy.

Agnes Donohue won first prize in the diving competition for girls and Jack Brines for the boys.

Whitin Community Association Offers Special Summer Membership

A Summer Membership in the Gym is offered to you at the amazingly low price of $1.00. Think of it—three months for $1.00! Can you afford to miss this?

EVERYONE IN WHITINSVILLE A SWIMMER. WHY NOT—A THREE MONTHS SUMMER MEMBERSHIP IN THE GYM FOR $1.00, IF YOU JOIN BEFORE JULY 1st. $1.00 FROM NOW UNTIL SEPTEMBER 30th! YOU CANNOT AFFORD TO LOSE THIS CHANCE!

The Whitinsville Golf Club

Continued from page 3, column 3

green. The drive from this tee calls for a very long and straight shot in order to clear large yawning traps located on the top of a hill about 140 yds. from the tee. It is the only hole on the course on which the drive is blind. After getting by these traps the hole opens up wide straight rolling fairway to a green located near the river.

The green of the sixth hole, 416 yds. long is on a point of land 25 yds. in front of which a brook crosses the course. From this brook there is a steep slope going up to the green. In order to reach this green in two, a second shot with a very long carry will be necessary. It is predicted that the more conservative will play their second shots safe on this hole.

Number seven is a midiron shot over a deep valley to a well trapped green.

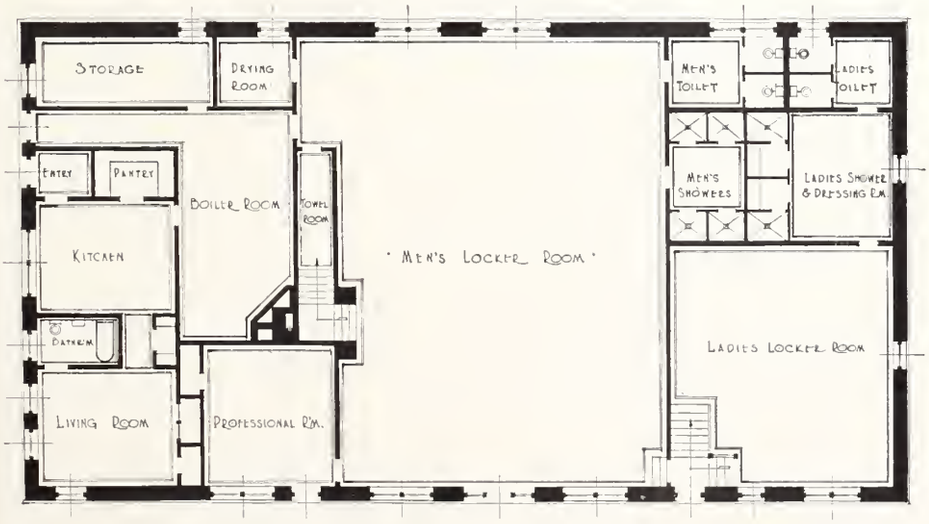
Number eight is where the water is first encountered. It is distinctly an elbow hole with a short distance over the river for the short driver and a gradually widening amount of water to carry the shorter the direct line to the hole one may choose to play.

Number nine is considered by Mr. Ross as one of the best "2 shot" holes in the country. The drive is over a neck of the river with a very long carry from the back tee probably 150 yds. and a short carry from the front tee probably 40 yds. The hole then runs along the side of the main part of the river and a sliced ball will generally be penalized. The tee shot if played well will leave the ball on a plateau above the river; the second shot will then be over a valley to the green located on another plateau about 50 yds. to the right in front of the Club House with the river on the right hand side of the green.

All greens and teeing grounds have been constructed in accordance with the most modern practice. The greens are well propped up at the rear to allow for bold pitching and vary in shape and contour. Some are long and narrow, others short and wide, one is slightly terraced and none are without rolls of some kind. Ample teeing space has been provided at every hole, some holes having as many as four and some three and some with two and on holes where there is only one tee, this tee has been made large enough so that good turf will always be available.

Following his usual policy, Mr. Ross has left practically no blind shots either from the tee or to the greens. This feature is always attractive to beginners and veterans of the game.

All of the greens have been sown with creeping bent stolons, which method of raising grass has given excellent quick results with playable greens the first year after the stolons are put in.



· Basement Floor Plan ·

Swimming Pool Schedule

Swimming Hours For Women and Girls

Monday Night

7:00– 8:00 Class for Non-swimmers.
8:00– 9:00 Class for Swimmers. (Sr. Women & Girls).

Thursday Night

7:00– 8:00 Class for Swimmers.
8:00– 9:00 Class for Non-swimmers. (Sr. Women & Girls).

Tuesday and Friday Morning

9:00–10:30 Non-swimmers.
10:30–11:30 Swimmers. (Juniors).

Tuesday Afternoon

2:00– 3:00 Senior Women's Life Saving.
3:00– 4:00 Intermediate Swimmers.
4:00– 5:00 Life Saving Tests. (Juniors).
5:00– 6:00 Life Saving Tests. (Seniors).

Wednesday Afternoon

3:00– 4:00 Swimmers. (Intermediate Girls

Wednesday Night

7:00– 8:00 Free Swimming. (Senior Women and Girls).

Saturday Morning

9:00– 9:30 Children under nine years.
9:30–10:30 Junior Girls.

Saturday Afternoon

2:00– 3:00 Senior Women and Girls.
3:00– 4:00 Intermediate Girls.

Swimming Hours For Men and Boys

Monday and Thursday

9:00–10:30 Non-swimmers.
10:30–11:30 Swimmers. (Juniors).
3:00– 4:00 Intermediate Boys. (Non-swimmers).
4:00– 5:00 Intermediate Boys. (Swimmers).
5:00– 6:00 Men.

Tuesday Night

7:00– 8:00 Class for Non-swimmers.
8:00– 9:00 Class for Swimmers. (Men).

Friday Night

7:00– 8:00 Class for Swimmers.
8:00– 9:00 Class for Non-swimmers. (Men).

Wednesday Afternoon

4:00– 5:00 Intermediate Boys.
5:00– 6:00 Men's Class.
8:00– 9:00 Free swimming for Men.

Saturday Morning

10:30–11:30 Junior Boys.

Saturday Night

7:00– 8:00 Men. (Note—Unless there are more than four swimming in the pool at 7:30, the pool will be closed.)

It is hoped that with the early Spring this year, the course can be opened sometime in June, at which time it is planned to finish up the construction of the Club House.

A Scotch wife nagged and nagged her husband until the poor fellow died. Then she was sorry, very sorry, so she erected a fine stone over his grave on which she had carved the following inscription:

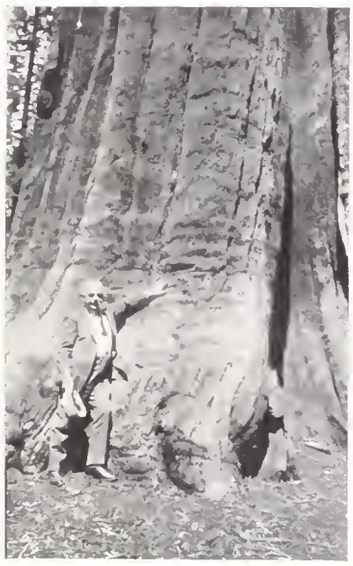
"Rest in peace until I join you."

Frank Adams Spending Vacation in California

Enjoying a well-earned vacation of several months in California, Frank J. Adams, who is one of our long-service erectors, has sent us a number of interesting snap-shots of the locality.

The caption over the picture below might well be "Eternal Youth and Old Age"; as Adams will always be young in spirit, while the venerable old redwood stands as a monument to Time Invincible.

Or, it might be, in posing for the photograph, Frank had in mind the immortal salutation of our own General Pershing, who, on his arrival in France, announced to a war-torn people that America stood ready to repay a patriotic debt of generations, with the words "Lafayette, we are here!"



FRANK ADAMS

This old Redwood has a theoretical age of four thousand years, has reached a height of two hundred and seventy-three feet, with a diameter at the bottom of twenty-nine feet and four inches. Following the local custom of naming the monarchs of the redwood forests, this tree has been given the name of Lafayette, in honor of the famous French general who supported Washington during the Revolutionary days of '76.

It may be hard to work, but it is harder to want.

LAWRENCE J. RAMSEY, JR.

Many of the employees of the shop will recognize the youngster in the photograph shown above, especially those who leave the shop from the freight house. He can be seen at the corner of Main and Forest Streets any noon or night helping his father direct the traffic at this busy corner. He is Lawrence Ramsey, Jr., son of Lawrence J. Ramsey, foreman of the Speeder Parts job. He is becoming quite efficient on the job and before long will be able to handle the traffic problem as well as his father does at present.

Not as the Crow Flies

Any member of the works contemplating a trip to Maine this summer should consult Charlie Melanson of the Foundry for information concerning the most direct route. Charlie, together with his trusty Ford, left Whitinsville on Thursday, May 14, to spend a few days in Maine, and arrived there safe and sound. We haven't found out yet whether Charlie ran out of gas or got lost on some country road on his return trip, but understand he left for Whitinsville early Saturday morning, May 16, and did not arrive home until around nine-thirty Sunday evening.

Charlie has received several offers for his Ford but due to the remarkable time made on the trip, has refused all offers.

Cecil Knowlton of the Spinning Erecting job is receiving congratulations on the birth of a son, Thursday, June 11. The baby has been named Kenneth.

When a girl transfers her affections frequently does the same with her powder.

Appropriate Memorial exercises were held in the George Marston Whitin Memorial Gymnasium on Sunday evening, May 24, under the auspices of the Rowse R. Clark Post No. 107 G. A. R., and the Jeffrey L. Vail Post American Legion. The following program was in order for the evening:

1.	Medley—American Songs,	Orchestra
2.	America, (First and last verses)	Audience
3.	Invocation,	Rev. Walter H. Commons
4.	Song—"Tenting Tonight"	N. H. S. Glee Club
5.	Address of Welcome,	Com. Henry J. Bouvier
6.	Origin of Memorial Day,	Joslyn Deeks
7.	Song—"To a Wild Rose" (*McDowell*)	N. H. S. Glee Club
8.	Reading Roll of Honor (*Civil War*)	Rev. Willis J. Layton
9.	Reading Roll of Honor (*World War*)	Rev. Walter H. Commons
10.	Salute to the Dead,	Audience
11.	Medley—Civil War Songs,	Orchestra
12.	Lincoln's Address at Gettysburg,	Chas. Garabedian
13.	Solo—"Christ in Flanders"	Mr. M. J. Brines
14.	Address,	Hon. David I. Walsh
15.	Star Spangled Banner, (First and Fourth Verses)	Audience
16.	Benediction,	Rev. Willis J. Layton
17.	March,	Orchestra

On Memorial Day the graves of the Veterans buried in the various cemeteries throughout the town were decorated by the Jeffrey L. Vail Post American Legion, assisted by the schoolchildren. After the exercises at the cemeteries wreaths were placed at Vail Field and Buma Square, after which Taps were sounded.

J. HOWARD BURBANK

In the death of J. Howard Burbank the town has lost one of its long-time and much respected residents. Mr. Burbank came to the shop in 1866 and retired from active work in January, 1909, devoting his later years to gardening and poultry on his Prospect Hill place.

During his long service in the shop he worked on the Card job, of which he was foreman for many years, previous to his retirement.

What This Country Needs Just Now

Not more liberty but fewer people who take liberties with our liberty.

Not a job for every man but a real man for every job.

Not more miles of territory but more miles to the gallon.

More tractors and fewer detractors.

Not more young men making speed but more young men planting spuds.

More paint on the old place and less on the young face.

Not a lower rate of interest on money but a higher degree of interest in work.

More following the footsteps of the fathers and fewer following the footsteps of the dancing master.—The Whistle Idea.

"I've decided on a name for baby." said the young mother. "I shall call her Euphrosyne."

Her husband did not care for the suggestion; but, being a tactful fellow, he was far too wise to say so.

NORTHBRIDGE HIGH SCHOOL TEAM—COUNTY TEAM
Front row left to right, Lamb, Kearnan, McGuiness, The Mascot, W. Sullivan, Rankin.
Second row, Graham, Malkasean, Bouvier, Asst. Mgr., Keeler, Cap., Smith, Mgr.
Back row, Laplante, Coach, Liberty, Bigelow, J. Sullivan, Frost, Crawford, Trinnier.

"Splendid!" he said cheerfully. "The first girl I ever loved was called Euphrosyne, and the name will revive pleasant memories."

There was a brief silence. Then:

"We will call her Elizabeth, after my mother," said the young wife with great determination and vigor.—Los Angeles Times.

The picture shown herewith seems to indicate that the old adage "No man can do two things at once" does not hold true in every instance. Mr. Halpin has found time in the midst of supervising his department to paint the sign of the "Galesmeet Kennels" in a most artistic way. This is not by any means the first of his pictures to be reproduced in the SPINDLE, but we are sure that our readers will agree that the dog in this picture should contribute greatly to the success of the enterprise.

Bob Keeler's many friends are congratulating him on his narrow escape from drowning recently. Bob's ability to float saved him from going to the bottom "Bunk" Hill says. "Bunk" has the laugh on Bob this time but has been warned that "He who laughs last laughs best."

As the Editor Sees It

The angry citizen puffed into the office of the city editor.

"See here, sir," he yelled, "What do you mean by publishing my resignation from my political office in this way?"

"You gave the story out yourself, didn't you?" asked the editor.

"Of course I did," replied the angry citizen. "But your paper prints it under the head of 'Public Improvements.' "—Selected.

New King

"I like the flat very much, but I hear that the place is haunted."

Landlord—"My dear madam, I attend to that personally. The ghosts only appear to tenants who do not pay their rent and refuse to move out."—Brooklyn Eagle.

Scotch Field Day

The Clan Drummond O. S. C. will hold its fourth annual field day on Saturday, June 27, and with good weather, the people hereabouts will be treated to just as fine a field day as they were ever privileged to attend. By field day we refer particularly, of course, to a day which will feature outdoor sports, real athletic events, etc., rather than to a big mid-way attraction.

Our field day offers a splendid opportunity for those interested in sports. As an inducement to local sprinters, for instance, we put up a beautiful silver cup, known as the Clan Drummond Trophy. It is for the one hundred yard dash and to become a permanent possession, must be won three years in succession. A picture of the cup appears in this issue of the SPINDLE. We will also have a 100 yard dash (open), 220 yard dash (open), two mile race, scratch (open), shot put (open), running broad jump and running high jump. As a fun proposition we are featuring a novelty bicycle race, last man in wins. There will be races for the boys and girls, also the women. Something for everybody.

In the dancing competitions we are pleased to announce the addition of the Sailor's Hornpipe. This is a very fine dance and we feel sure will be enjoyed by all.

To maintain a thorough Scotch atmosphere, so to speak, we have engaged the Boston Caledonian Pipe and Drum Band, and expect a large following of dancers with this band.

For the soccer fans (mind ye, their on the increase) we will have a football tournament, four teams competing, one from Whitinsville, one from Hopedale and two others who have not yet been decided upon.

We would close our story by repeating our opening assertion—given good weather, the people of hereabouts will be treated to just as fine a field day as they were ever privileged to attend. "Dinna ferget the date—JUNE 27."

Peter Hackett,
Official Clan Scribe.

In a collection of photographic plates which came to us several years ago, there was one of our famous bowler, George Broadhurst of the Main Office, enjoying one of his favorite outdoor sports. We doubt the selection of the place for a successful string of fish, but nevertheless the spot makes a very beautiful setting and those of us who are familiar with the outlying country around the village will recognize the falls at the foot of Carpenter's Pond as they appear every spring. When the water is high this is a very beautiful spot to visit.

Everybody should learn to drive a car, especially those who now sit behind the steering wheels.

Well Known Old Timer Visits the Shops

CHAS. WATJEN

The picture of Mr. Charles Watjen, shown above, will look familiar to most of the older men in the shop. He called at the office May 29, and wished to be remembered to his friends in Whitinsville.

Mr. Watjen came to the shop in 1872 and was afterwards made foreman of the Inside Paint Department, which position he occupied until 1915 when he retired. Mr. Watjen has changed very little in the past ten years and we were glad to see him looking so well.

HOW TO AVOID ACCIDENTS

Keep the working place in a safe working condition.

Materials or tools out of place constitute a menace.

No matter how safe a place may look, find out how safe it is.

Don't pass over danger signals lightly.

Don't hurry in order to get away early.

Don't risk your life or the life of others to save labor. Never attempt to carry a load heavier than you can handle.

Don't disregard others.

Don't roam or idle about machinery.

Don't forget to close all doors as you pass through.

Don't lower or raise elevator until you know the way is clear and gates are closed.—Selected.

The WHITIN Spindle

Thomas Frieswyck's Dahlia Garden

JULY-AUG.
1925
Vol. 6 No. 4

Views of Purgatory Chasm

The WHITIN Spindle

VOLUME 6 WHITINSVILLE, MASS., JULY–AUGUST, 1925 NUMBER 4

Purgatory

In a recent article in the Worcester Sunday Telegram describing Purgatory, the writer has made a liberal translation. Of a Latin quotation as follows: "It is easy enough to go down to hell but coming back is some job." This in a nut-shell is descriptive of the experiences of anyone who visits Purgatory and attempts to explore all of its possibilities.

Located in the town of Sutton, miles away from the well-travelled roads, its approach so rough and rock strewn and uneven as to be impassable for almost all types of vehicles, this gash in the face of nature remained obscure and little advertised for many years. Only during the past decade has any effort been made to bring Purgatory under state supervision.

Quoting again from the Worcester Telegram we learn:—

"Since 1919, Purgatory has been a state reservation and each year some work has been done on the road under the direction of the Purgatory Chasm State Reservation Commission consisting of Chairman Josiah M. Lasell, of Whitinsville, Secretary William L. Johnson of Uxbridge and Superintendent Herbert L. Ray of Sutton.

"Little money has been available, something like $500, and the work has been slow, but with the road fixed up so as to be safe and comfortable for travel, this year a larger appropriation was made and an attractive pavilion has been built, as well as rest rooms.

Other playgrounds Massachusetts has, including mountains, forests and shores, but nothing else like Purgatory. In fact, there is nothing like it in New England, nothing more wild even in the Rocky Mountains. And in that condition it will remain. While the approaches to it have been improved and the comfort of the visitors upon arrival cared for, no attempt has or will be made to improve what Nature has done here. No changes could improve it. Here Massachusetts has about 100 acres of the wildest, most awe-inspiring country in the state, and just that way it will remain.

That the state took over this wonderful spot is due almost entirely to three men whose homes bordered on its confines, Herbert L. Ray, of Sutton; Arthur E. Seagrave, of Uxbridge, and Josiah M. Lasell of Northbridge.

Appreciating the importance of preserving this, one of the state's grandest spots, they brought the matter before the Legislature, year after year until finally, in 1919, necessary legislation was enacted and appropriation made. The initial tract of land consisted of about seventy acres obtained from the Whitin interests of Whitinsville. The price was actual value of lumber on the tract as set by disinterested appraisers. No charge for land was made."

After the initial tract had been acquired by the state it was found that the Spring, well-known to all visitors to Purgatory, was very close to the boundary line. It was deemed advisable, therefore, to purchase an additional tract of twenty-two acres. Later another tract of eight acres was purchased to take in other interesting spots.

During the past few years much work has been done by the Commissioners in improving the roads, cleaning up the groves and adding conveniences for the comfort of visitors. The gorge itself, however, will be left in its natural state.

Almost every visitor to this interesting spot asks himself how this gigantic upheaval could have taken place and what exerted the tremendous force necessary to split the granite ledge and scatter the fragments. But, as yet, no positive assertion has been made as to the cause. Dr. Hitchcock in his Geology of Massachusetts says:—

"This is an immense chasm and I confess myself at loss to explain its origin. It is natural to suppose that its sides have been in some manner separated from one another. But I can conceive of no mode in which this could have been accomplished except by a force acting beneath and this would so elevate the strata that they would dip on both sides from the fissure, not toward it. In the vicinity of the fissure, however, the rocks are often exceedingly broken into fragments; and this circumstance indicates some early subterranean convulsion or the agency of troubled waters. I am rather inclined to refer these fragments as well as the fissure, to the long-continued action of the waves of the sea, when the spot was so situated as to form a shore of moderate elevation."

The correctness of the old adage "Familiarity breeds contempt" is never more clearly proven than in the case of Purgatory. Many people travel hundreds of miles to see wonders of nature cleverly advertised by those interested in exploiting them, but this remarkable bit of evidence of some tremendous natural upheaval is to them as a sealed book.

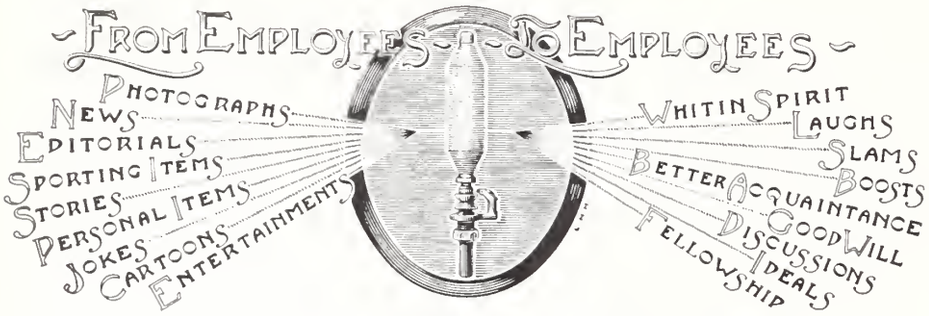
While writing this article we have learned of several men in this vicinity who have never visited Purgatory and venture to say that these are typical of hundreds of others. One man said, "I was born in Whitinsville and lived here all of my life and yet have never seen the place." Another said, "I have hunted foxes through the Purgatory woods many times but never bothered to stop and look at the chasm."

Verily, a place of interest, like a prophet, is not without honor save in its own country.

Don't think a train has passed just because you see its tracks.

The man who is too busy to think of safety may have plenty of leisure in the hospital later on.

Watch where you're going even if you aren't going anywhere.



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

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Preparation

Perhaps you would like to occupy a prominent place: you would like to be honored, looked up to, respected, talented. Suppose today you were offered just the place which you would like to fill. Could you fill it? Are you fit for it? If by some miracle you could be thrown today into the place your heart desires, would you simply dishonor yourself by your awkwardness and unfitness, and be disgraced in the eyes of all who know you?

If you wish a place among the learned, you must fit yourself to occupy a position with the learned. If you wish to fill a place among the wise, you must seek and cultivate wisdom. If you wish to fill a place among the great, you must fit yourself for all that such a position involves. If you would like to be the head of an intelligent and intellectual household, you must cultivate intelligence and intellect. If you would like to be the husband of a noble woman, you must seek to be a noble man. If you would like to be the wife of a learned and cultured man, you must become learned and cultured yourself, so that you would not disgrace him.

When the time comes to fill a position, it is too late to prepare for it. The preparation must be made in advance. If you have any high ideas or hopes, you should begin to work toward them; for the higher the position of a fool, the more he shows his folly. There are thousands of positions which men covet that they are utterly unable to fill, simply because they have frittered away their time and neglected to do what they might have done to fit themselves for better things.—Texaco Star.

Home Garden Club Exhibit to Be Held September 17

The annual fall exhibit of the Whitin Home Garden Club is to be held in the George Marston Whitin Memorial Gymnasium on Thursday afternoon and evening, September 17. Those who have attended the exhibits during the past three years should plan to attend this year, as the committee has plans under way for a bigger and better show than ever.

The judging will be done in the morning and will be in charge of two members of the Worcester County Extension Service. The exhibition will be open to the public during the afternoon and evening. There will also be an entertainment during the evening, followed by dancing from nine to twelve.

The members of the Garden Club will have their annual banquet in Odd Fellows Hall at six o'clock, and, as in former years, practically all of the vegetables will be supplied by the members of the club.

The committee in charge of the exhibition wishes it to be understood that the privilege of exhibiting is not confined to members of the Home Garden Club only, but that anyone in Whitinsville having a garden is eligible.

The flower exhibit last year was highly praised, but present indications are that this year's will be even better. First, second and third prizes will be awarded as follows for the flower display—best single gladiola, best collection of six, best collection of twelve; best single dahlia, best collection of six, best collection of twelve; also for the best vase of mixed flowers.

A section is to be reserved for the women to exhibit their canned goods and it is hoped that a large number will take advantage of this opportunity.

Space also will be reserved for the various sections of the club, and a prize will be awarded to the section having the best display.

The chairmen of the various committees in charge of the exhibition are as follows:

H. E. Keeler, reception; F. E. Hathaway, decorating; Fred Burroughs, printing; Jos. Cahill, entertainment; and Gilbert Harwood, supper.

A Man's Job

A man's job is his best friend. It clothes and feeds his wife and children, pays the rent, and supplies them with the wherewithal to develop and become cultivated. The least a man can do in return is to love his job. A man's job is grateful. It is like a little garden that thrives on love. It will one day flower into fruit worth while—for him and his to enjoy. If you ask any successful man the reason for his making good he will tell you that first and foremost it is because he likes his work; indeed, he loves it. His whole heart and soul is wrapped up in it. His whole physical and mental energies are focussed on it. He walks his work, he talks his work, he is entirely inseparable from his work, and that is the way every man worth his salt ought to be if he wants to make of his work what it should be, and make himself what he wants to be.

William Riley

Our Long Service Series

William Riley, a member of the Piping department, is the next veteran in our list of long service men, having completed fifty years of service this month.

Mr. Riley entered the employ of the Whitin Machine Works in August, 1875, starting to work on the Loom job under Henry Warfield. He remained on this job for two years and was then transferred to Cards under Howard Burbank and from there to the Roll job. He later worked for Malcom Burbank on Looms, Oscar Taft on Bolsters and for Benjamin Graves on Pickers. He was next transferred to the Pipe department where he has been employed ever since.

Mr. Riley is receiving congratulations from his many friends on the completion of his fifty years of service. We are glad to welcome Mr. Riley as a member of our fifty year group.

"Native Stock"

"I want a pair of shoes for my little girl," said the mother.

"Yes ma'am," said the shoe clerk, "French kid?"

"Well, I guess not. She's my own child, born right here in Chicago."

Veteran Foreman Retires

John A. Welch, foreman of the Speeder erecting department for the past nine years, retired from active service in the shop in July, due to ill health.

Mr. Welch entered the employ of the Whitin Machine Works in May, 1910, under Benj. R. Graves on Combers. After a short time in the shop he was transferred to the road force, and spent the next few years erecting Combers. He returned to the shop in 1912 and was made assistant foreman of the Speeder department under Mr. Herbert Dyer. On Mr. Dyer's retirement in 1916 he was appointed foreman of the department.

Mr. Welch's many friends in the shop wish him a speedy return to health.

John A. Welch

News from China

We recently received from Phillip J. Reilley, foreign representative of the Whitin Machine Works in China and Japan, the following information regarding the Hong Foong mill one of the successful mills in China which is fully equipped with Whitin machinery, together with the picture shown herewith.

Mr. Shun, the originator of this mill and at present its general manager, is shown to the right of Mr. Reilley. He was formerly teacher in a textile school but now devotes all of his time to the business of running this mill and has worked untiringly to make it a success.

The power plant, which is equipped with a General Electric turbine, is in charge of Mr. Wong, shown to the left of Mr. Reilley. He has had a wide experience in turbines, having worked on them in the States as well as in China. The fourth person in the picture is the engineer in charge of repairs.

The motors in this mill were furnished by the Westinghouse people and the heating apparatus, which is up-to-date, was furnished by the Parks-Cramer Company of Fitchburg, Mass.

"Bunk" Has an Early Caller

"Bunk" Hill, one of the numerous campers on the banks of the Mumford, did not need an alarm clock to waken him in time for work one morning about three weeks ago. A friendly dog paid a visit to the camp between four and five in the morning and while in the act of washing "Bunk's" face he woke him up. "Bunk" had visions of a bear making a social call on them early in the morning but upon discovering his visitor to be nothing more than a friendly dog, his courage returned and the dog disappeared amidst a barrage of shoes and anything else handy.

Whitin Team Still Holds Second Place

The Whitin Machine Works Baseball Team continues to hold onto second place in the Blackstone Valley League, having a slight lead over the Rockdale Mills team. The league is considerably faster now than it was at the beginning of the season and it will be necessary for the team to play the best baseball possible to hold onto the runner-up position. Since the last SPINDLE the team has won ten games and lost nine, two of the wins being over Walter Schuster's fast East Douglas team. A short summary of the games follows.

On Thursday, June 11, the team went to Millbury and had a comparatively easy time, winning by a score of 6 to 1. Millbury was able to get to Murray for six hits, which he kept well scattered.

In one of the weirdest games played on Vail Field this season, the Fisherville team went down to a 10 to 9 defeat on Saturday, June 13. The visitors got off to an early lead but were soon overhauled only to recover the lead and lose out in the late innings. Hard hitting together with a generous supply of passes helped account for the ten runs.

The fast Douglas team came to Vail Field on Thursday, June 18, winning by a score of 12 to 7. The Whitin team got the jump in the first inning when they scored five times, but were unable to hold this lead. Schuster's sluggers got to Murray and Vincent for fifteen hits, a number of them for extra bases. Hadley, playing center field for Douglas, hit three triples.

On Saturday, June 20, the boys took Rockdale into camp in a well played game, 3 to 2. Vincent allowed Rockdale but five hits, while all Whitins could get off Donais was six. Whitins scored one in the first and were blanked until the ninth when they scored twice and put the game on ice.

The team lost to Millbury in Millbury on Saturday, June 27, 9 to 8. The home team piled up eight runs off Vincent and Connors in the first three innings, but could do nothing with Liberty, who finished up the game. The boys tied up the game in the ninth but lost out when Millbury got two of their three hits off Liberty in the last inning.

On Thursday, July 4, the team went to Fisherville and was defeated 8 to 4. Poor work in the field was the main cause of this defeat, although Liberty was hit quite freely at times.

Everyone in Whitinsville was happy on the morning of the fourth of July, when the boys defeated the fast Douglas team after a tight struggle, blanking them 3 to 0. For the first time this year the team had an outside battery with O'Connor of St. John's Prep on the mound and Whelan of Holy Cross behind the bat. O'Connor pitched a steady game, setting the sluggers from Douglas back with but six hits.

Douglas took the afternoon game in Douglas, 7 to 3, but had Lovely been accorded the support given O'Connor in the morning game Whitins might have taken that game also. Clancy of Douglas proved to be the star of the afternoon game, with a single, double and a home run to his credit.

The Douglas team followed up their win of the afternoon of the fourth with another victory on Thursday, July 9, by a score of 10 to 2. They touched up O'Connor for a total of thirteen hits, which with five errors helped to pile up their ten runs.

The boys lost their third straight game on Saturday, July 11, when Rockdale defeated them 6 to 2. Both teams got nine hits but Rockdale bunched theirs while Donais kept the Whitin hits scattered.

On Thursday, July 16, the team went to Millbury and broke their losing streak with a 7 to 5 win. The game was close all the way and was featured by Harry Kearnan's hard hitting and the fielding of Tip O'Neil and George Hartley.

On Thursday, July 23, Fisherville defeated Whitins 9 to 6 in a game featured by the heavy hitting of both teams.

The Douglas team was defeated for the second time this season on Vail Field on Saturday, July 25, by a score of 6 to 3. Whitins had men on bases in every inning but could not come through with the needed base hits until late in the game. Hughes, who had been pitching good ball in the pinches, was removed in favor of Birch, who was retired in favor of Hadley after four runs had been scored off his delivery.

Rockdale won a hard fought game in Rockdale on Friday, July 31, in a pitcher's battle between Donais and Clancy, each team securing but four hits. Clancy hit one of the longest home runs ever seen on the Rockdale field in the eighth inning, for our only tally.

On Saturday, August 1, the boys lost a tough game to Millbury. Going into the ninth inning they had a three run lead only to see Millbury come back with four runs to win the game, 7 to 6.

Uxbridge lost their fourth game to Whitins on Friday, August 7, when Clancy let them down with two hits. Seven errors by the Uxbridge infield helped materially in the scoring of Whitins' four runs. Fielding features were contributed by Kearnan, O'Neil and McGuire.

On Saturday, August 8, Fisherville was defeated in Fisherville 11 to 5. The team touched up Mulrennan of the Boston Twilight League for fifteen hits and had little trouble in piling up their runs, every player getting at least one hit.

The league standing and batting averages up to the week ending Saturday, July 8, are as follows:

LEAGUE STANDING

	W.	L.	%
Douglas	23	4	.852
Whitins	14	12	.538
Rockdale	13	12	.520
Millbury	11	16	.407
Fisherville	10	17	.370
Uxbridge	5	22	.185

BATTING AVERAGES

	AB	R	H	%
Kearnan	98	29	44	.449
Sullivan	13	1	5	.385
Hartley	76	13	25	.329
Crawford	17	1	5	.294
Trinnier	21	2	6	.285
Clancy	11	3	3	.272
O'Neil	104	16	28	.269
Steele	50	6	13	.260
Leonard	115	23	29	.252
McGuire	99	12	19	.192
Whalen	48	2	9	.188
Murray	25	4	4	.160
O'Connor	19	2	3	.153
Carroll	40	2	4	.100
Vincent	16	0	0	.000

Close Race in Sunset League

Foundry Team in Lead

The fight for first place in the Sunset League this year is the closest in the history of the league. At the present time the Foundry is leading the Spinning and Speeders by a close margin, but with a number of postponed games still to be played, the winner will be in doubt until the last game is played. All three teams are confident of winning the championship and some close battles can be expected before the winner is decided. The Foundry, with McKee, Hartley and Kearnan doing the twirling, seem to be the strongest at present, but the Spinning feel that Steele and Postma can hold up their end, with the Speeders depending on Connors and Ashworth.

The Yard team have given the three leaders many close battles but have yet to win a game. At present their losing streak has run up to ten, but they may upset one of the leaders before the season ends.

A short summary of the games played since the last SPINDLE follows:

On Monday, June 15, the Speeders defeated the Yard in a close game, 9 to 8. Campo allowed the Speeders eight hits, but these, together with a number of passes and a few errors, accounted for the nine runs. The Yard staged a four run rally in the sixth inning but fell one short of tying it up.

The Foundry team lost to the Spinning in a well played game on Wednesday, June 17, 4 to 3. With the score tied at three all in the eighth, Hall singled and Steele scored him with a triple, winning the game.

On Monday, June 22, the Foundry entered the win column defeating the Yard 5 to 4. Although the Yard outhit the Foundry, eleven to six, the Foundry made their hits when they meant runs. Good fielding by Britton cut off at least four Foundry hits.

The Yard continued its losing streak when the Speeders defeated them on Wednesday, July 8, 3 to 1. The Yard could do nothing to Connors with men on bases, getting but five hits. Both teams played errorless ball and all of the runs scored were earned.

The Spinning team was defeated for the second time this season on Monday, July 13, losing to the Speeders 8 to 3. The Spinning, with Johnnie Steele in the box, were out for a win, but two hits, three errors and a base on balls accounted for four runs and the ball game in the eighth inning.

With "Sally" Jones in the box, the Foundry defeated the Spinning on Friday, July 17, 5 to 4. With the score tied at four all in the seventh inning, "Sally" came through with the hit that won the ball game.

The Yard lost another close game on Wednesday, July 15, 3 to 1. McKee pitched for the Foundry and set the Yard team back with only two hits, the only run scored against him being the direct result of an error. The hitting of Simmons accounted for all of the runs scored by the Foundry.

The Yard kept up their losing streak when they were defeated by the Spinning on Monday, July 20, 5 to 0. Postma allowed them only four hits and only twenty-five men faced him in the seven innings. This game was featured by the hitting of Steele and the fielding of Britton and Nash.

The Foundry kept up its winning streak on Wednesday, July 29, defeating the Spinning 5 to 3. Hartley, pitching his first game for the Foundry, held the Spinning scoreless for six innings but was touched for three runs in the seventh, which tied it up, but the Foundry came through with two runs in the eighth for their fourth straight win.

On Monday, August 3, the Foundry won their fifth straight game, defeating the Yard 8 to 2. McKee was on the mound for the Foundry and the Yard got but three hits off his delivery. Britton's fielding, Hartley's hitting and McKee's pitching and hitting featured this game.

The Foundry team kept up its winning streak on Monday, August 10, setting the Speeders back 4 to 1. It was a pitchers' battle for six innings but Connors of the Speeders, after holding the Foundry hitless for the first six innings, weakened in the seventh and allowed four hits, which coupled an error allowed the Foundry, to score their four runs.

The Yard lost its tenth straight on Wednesday, August 12, when they fell before the Spinning 10 to 3.

The league standing and batting averages are as follows:—

LEAGUE STANDING

	W.	L.	%
Foundry	6	2	.750
Speeders	5	2	.714
Spinning	6	3	.667
Yard	0	10	.000

BATTING AVERAGES

	AB	R	H	%
Lozier	22	4	11	.500
Steele, J.	20	3	9	.450
Smith, E.	16	2	7	.437
Connors	5	1	2	.400
Walsh	24	6	9	.375
Donovan	8	1	3	.375
McGuire, F.	17	2	6	.353
Simmons	19	4	7	.368
Corron	23	4	8	.347
Brennan	20	5	7	.350
McKee	21	3	7	.333
Carrol	18	5	6	.333
Steele, W.	18	4	6	.333
Malgren	9	1	3	.333
Postma	25	7	8	.320
Ashworth	19	4	6	.316
Jackman	13	1	4	.307
O'Neil	27	9	8	.296
McGuire, C.	17	0	5	.294
Buma, S.	21	3	6	.286
Jones	18	5	5	.277
Hayes	22	2	6	.273
Hall	27	7	7	.259
Johnston	12	2	3	.231
Nash	22	5	5	.227
Wallace	22	1	5	.227
Campo	23	4	5	.217
Crawford	23	4	5	.217
Britton	24	1	5	.208
Keeler	20	3	5	.200
Ballard	16	5	3	.187
Hartley	11	4	2	.182
Smith, F.	18	2	3	.167
Veau	24	4	4	.167
Clark	18	2	2	.111
Benoit	15	1	1	.067
Buma, P.	8	0	0	.000
Sullivan, J.	5	0	0	.000

Tom Colthart has already completed plans for a Soccer League among the schoolboys in the fall. Tom is well versed in Soccer and plans to coach the youngsters as well as supervise the league. This should mean that some good soccer players will be developed in Whitinsville.

Promotions During Month of August

There have been three promotions among the personnel of the shop during the month of August. Fred Kingston has been made foreman of the Speeder department, succeeding John A. Welch, who has retired, and Samuel Cleland appointed foreman of the Card Clothing job, succeeding J. A. Parsons. George Armston, of the Speeder job, has been made assistant foreman of that department.

Fred Kingston

Fred Kingston entered the Whitin Machine Works in December, 1909, and started to work for Joseph Schofield on Cards. He was later transferred to David Marshall on Dobbies and from there to the Speeder department. After a short time in this department he was transferred to Pickers and from there was sent on the road erecting Speeders, Cards and Pickers. He entered the service during the world war and on his discharge was again employed on the Speeder job. He was appointed assistant foreman of the department in July, 1919, and made foreman on August 4, 1925.

Samuel Cleland started to work in the shop in 1902 for Oscar Taft. He worked for Mr. Taft until March, 1903, when he went outside to work. He returned to the shop in August, 1906 on the Card Clothing job under

Samuel Cleland

J. A. Parsons, and has been employed on that job since that time. He was made assistant foreman of the department in 1914, and foreman on August 4, 1925.

George Armston began working for the Whitin Machine Works in May, 1910, on the Speeder job under Mr. John O'Brien. After spending a few years erecting Speeders he was sent out on the road, where he was employed for the next eight years. With the exception of a short time spent in the Experimental Room, all of Mr. Armston's time in the shop has been spent on Speeder work. He was made assistant foreman of the department on August 4, 1925.

Geo. Armston

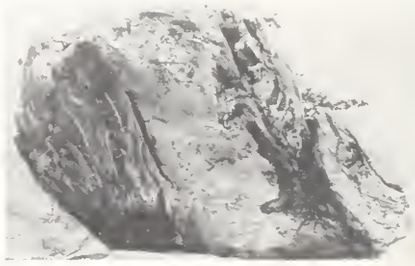
"Out in the Great Open Spaces"

For a pair of hunters who served their apprenticeship under the expert direction of "Sally" Jones, one would think it quite a hard job to lose Louis Veau and Ray Meader in the country surrounding Whitinsville.

The above mentioned pair recently went on a berrying trip not so far from the town farm and after filling their pails started looking for their machine. After walking around for a few minutes Ray asked Louis the following question, "Louis, are you sure this is the right way out?", to which Louis answered, "Don't get nervous Ray, I know this place like a book." He may have known the place like a book, one of his friends was heard to remark the next day, but after wandering about for more than an hour and a half the pair finally arrived at a familiar spot near Burt's Pond, and continued their stroll from there to the town farm.

We understand their wives were getting nervous late in the evening over their failure to appear and were contemplating sending out a searching party after them.

We would advise "Sally" to go along with this pair in the future or they may get lost some time.



The above photo was brought in to us by C. C. Miller of the Flyer job, and shows the famous "Big Rock" at Taftville, Conn. Mr. Miller informs us that there are at least seventeen different heads and figures on this rock.

If profanity cannot—increase production, develop quality, demand respect, bring on promotion—then why use it?

Whitin Community Swimmers Make Good Showing at Boston Meet

July fourth was the great day for the Whitin Intermediate Swimming Team, which distinguished itself in the New England A. A. A. U. Races, held at the Charles River Basin, in Boston. These races are always popular with the Swimming Clubs in the New England District.

Last year there were a few entrants from the Whitin Community Association, but not enough to impress the swimming fan, and consequently the Whitinsville observer heard with interest, the comments as to where Whittinsville was located. They persisted in calling it Whittinsville.

It became embarrassing as well as a source of pride to Mr. Brines to announce a first, second or third place won by one of our swimmers in each race they participated in. As Mr. McGrath, the Official Handicapper said, "We ought to take the megaphone away from Brines; he is getting too much advertising out of this."

Those who read the Boston papers the next morning got a thrill when they saw that little Joan McSheehy, eleven years of age, came in second in the New England Championship Mile Swim for women, the big event of the day, won by Delna Carlstrom who represented New England so well recently in Detroit.

Margaret McSheehy won third place in the 220-yard handicap, only losing second place by a very small margin after swimming from scratch.

Constance McSheehy got second place in the 100 and Joan second in the 50.

Arthur Broadhurst was a close second in the 50-yard swim for boys of fourteen and under.

Carrington Noel won third in the 440-yard handicap. Jack Brines won the 100-yard handicap and as he had already won another 100-yard handicap that morning at Brookline, it made two races won by him that day.

At the end of the Meet, Whitinsville stood with more points to its credit than any other club which entered.

"The Big Splash"

On Saturday, July 18, occurred the first Annual outdoor "splash" under the auspices of the Whitin Community Association at Picnic Point. The weather man was unusually good on this day and for the first time in many weeks there was no thunder shower.

The raft with the buoys lining the course had been especially arranged under the supervision of Mr. Leon Houghton, a member of the Swimming Committee.

The crowd on the bank viewing the races numbered close to 1200. Following is a list of the events: 1. Tilting, 2. Canoe Race, 3. Sea-Horse Race, 4. Life Saving Exhibition, 5. Ice Cream Cone Race, 6. Underwater Exhibition, 7. Balloon Bust, 8. Serious Races.

The occasion was a great success and from the opening competition in Tilting and Canoe Racing until the final Moving Picture at night, there was something doing every minute. It is hard to say which event was the most popular. Certainly everyone got a lot out of the fine exhibition of Life Saving that was given by the boys and girls of the Whitin Community Association under the supervision of Miss Calhoun, Mrs. Kirby Hall, Mr. Albert Porter and Mr. Peter Houghton.

The Sea-Horse Race proved to be so popular that it was hard to finish the race, so numerous were the demands for the opportunity to ride upon Neptune's steed.

Arthur Ashworth and his companion, Mr. Boutilier, were the successful wielders of the padded lance, managing to dump the other canoists into the water, much to the delight of the crowd upon the bank. They also won the canoe race for men. Catherine Munt and Lucia Bates won the canoe race for women.

The Candle Race was changed to an Ice Cream Cone Race, because of the strong wind which was blowing. This was also popular and those in charge of the ice cream reaped a harvest from this race. Every boy and girl who could possibly get under the wire in time to enter, did so. Some of them showed what sports they were and ate the ice cream before the race started, thus being sure of that much reward.

The Balloon Bust was a beautiful sight, with the many colored balloons and the dodging back and forth in the water.

Carrington Noel's wonderful exhibition in the Underwater Swim was questioned by some of the doubtful onlookers. One credulous observer insisted that he was under the water nearly six minutes, and all the boys and girls who were hiding under the raft, vow they did not see him there. It was a good stunt just the same and well pulled off.

Finish of Canoe Race

Supper hour brought with it a picnic spirit which went far to make the day a success. It was indeed a gratifying sight to see the many families seated together enjoying their picnic lunches, trading sandwiches, cakes and olives with their neighbors and laughing heartily over someone who had spilled the olives or just escaped sitting on the blueberry pie, which a thoughtful mother had brought along as the prize piece of the picnic.

Then came the singing and movies. Perhaps the movies did not equal those we see at the Strand or the Orpheum but they were movies and real ones too, and they answered the question many had asked, "How in the world can they have movies at a picnic?" Not only can they do it, but they will do it again and do it better. The whole affair was merely a starter, and next year let's make it a bigger and finer blow-out!

Without the Key to the Situation

George Newbegin and Frank Fowler of the Blacksmith Shop took a trip to Crescent Park recently to see the sights and enjoy one of the famous "New England Shore Dinners" at that resort. Everything went along fine until the hour arrived to make the return trip to Whitinsville. Mr. Newbegin tried in vain to start his car and after a careful examination found that the transmission was locked and no key was to be found. He soon got in touch with Mort Carr and explained to Mort where he would find a key in his house. Some of the neighbors thought Mort was trying to break into Newbegin's house when he was spotted climbing through a window and there was a little excitement until Mort had explained things satisfactorily. Mort turned over the much sought after key to West Brown, who carried it safely to Crescent Park. Moral—"Don't spring the lock until you're sure you have the key."

"Al and Sam in the wilds of Maine"

Gym Swimmers Give Exhibition

The swimmers from the Gymnasium assisted at a Swimming Exhibition given on the grounds of Mr. C. A. Root of Uxbridge, on August 10. The following are the events and the people who took part in each:

Diving—Agnes Donahue, Margaret McSheehy, William Todd and Jack Brines.

Exhibition Swimming and Diving—Dorothy McSheehy, Joan McSheehy, Marion Bogie, Millicent Cramp, Mary Stevens, Eleanor Stuart and Betty Parker.

Life Saving and Swimming—Carrington Noel and Jack Brines assisted Captain John Wallace, of the Massachusetts Red Cross, in retrieving William Baszner and James Stevens from the bottom of the pool.

Exhibition Relay Race—Bert Malkasian and Carrington Noel against Jack Brines and John Pawloiski.

Summer Gym Membership Successful

The idea of Summer Membership at the Gymnasium has proved successful; sixty-two persons having taken advantage of this exceptional opportunity to enjoy the privileges of the showers and swimming pool.

The summer schedule has been a heavy one for those in charge of the swimming but they were delighted with this opportunity to boost swimming as a sport and as a necessity. A good number have learned to swim during the summer and several have entered upon the course in Life Saving.

During Miss Calhoun's absence the swimming for women has been in charge of Miss Birchall who is a student at the New Haven Normal School of Physical Education.

During the month of July, 1762 people used the swimming pool. This makes an average of 65 each day.

Albert Hasson of the Spinning job, together with Sam Brown, who can be found selling his wares in the front of the shop any morning or noon, spent the greater part of the month of July on a fishing trip up in the Maine woods, during which time the pictures shown on this page were snapped. Al informs us that Sam caught forty-four Rainbow Trout in the short space of half an hour, and added that Sam told his Maine friends that he wouldn't dare tell of this exploit to anyone in Whitinsville because he would not be believed.

The straight stretch of road shown in one of the pictures is part of the old state road from Bangor to Fort Camp and was used for travel before the railroads were built in that section of Maine. This particular stretch goes for thirty miles without a turn.

Sam had such a good time this year he is looking forward to spending a part of next summer up in the wilds of Maine.

Mid-Year Inspection and Awarding of Prizes by Whitin Home Garden Club

The annual mid-summer inspection and judging of the gardens and potato patches of the members of the Whitin Home Garden Club was held on Tuesday, July 14th. With over one hundred and fifty gardens to be judged, it was no easy task for Mr. Herbert L. Reiner, assistant agricultural agent of the Worcester County Extension Bureau, to determine the various prize winners.

The variety gardens were judged on the basis of forty points, ten points for variety, ten points for value and twenty points for condition. The potato patches were judged on a basis of forty points.

William Sproat of the plumbing department had, without doubt, the best garden, with a rating of thirty-six points. Mr. Sproat's garden was in the very best of condition and had a greater variety of produce than any of the other gardens.

First prize for the best potato patch was awarded to James McQuilken, with a rating of thirty-seven points. Henry A. Graves, winner of second prize, was a close second with a total of thirty-six points.

Mr. Reiner complimented the members of the Garden Club on the condition of the gardens, and predicted a good crop of potatoes if they escaped the blight which had appeared in other sections of Worcester County.

Mr. Reiner was assisted by H. E. Keeler, President of the Garden Club, Klaus Dufries and Gilbert Harwood, members of the Garden Club, and James McRoberts.

The list of prize winners is as follows:—

		Taylor Hill		
Lot No. 1	Garden No. 5	34 points	Joseph T. Cahill	$1.00
Lot No. 2	Garden No. 16	29 points	Theodore Larson	1.00
Lot No. 3	Garden No. 26	32 points	A. M. Meader	1.00
Lot No. 4	Garden No. 40	36 points	William Sproat	1.00
Lot No. 5	Garden No. 71	32 points	John Martin	1.00
Best garden on Taylor Hill—Garden No. 40			William Sproat	1.00
		New Fairlawn		
Garden No. 15	33 points		Andrew Buwalda	$2.00
		Old Fairlawn		
Garden No. 2	35 points		Gilbert Harwood	$2.00
		Crescent Street		
Garden No. 5	32 points		William Walsh	$2.00
		Brick School		
Lot No. 1	Garden No. 3	23 points	W. M. Smith	$1.00
Lot No. 2	Garden No. 12–14	33 points	Simon Platukis	1.00
Lot No. 3	Garden No. 36	31 points	C. L. Chadbourne	1.00
Lot No. 4	Garden No. 60	32 points	A. Carriere	1.00
Best garden at Brick School—Garden No. 12–14			Simon Platukis	1.00
		Reservoir		
Garden No. 4	29 points		J. Grignon	$1.00
		Best Potato Patches		
1. Garden No. 3	Jas. McQuilken	37 points	Taylor Hill	$3.00
2. Garden No. 7	Henry Graves	36 points	Taylor Hill	2.00
		Special Prize for Potato Patches Scoring 35 Points		
Garden No. 4	John Steele		New Fairlawn	$1.00
Garden No. 10	Robert Smith		New Fairlawn	1.00
Garden No. 18	Robert Gusney		New Fairlawn	1.00
Garden No. 9	Frank Martineau		Old Fairlawn	1.00
Garden No. 9	Pat McDonough		Brick School	1.00
Garden No. 50	Joseph Boulay		Brick School	1.00
		Two Best Gardens		
1. Garden No. 40	William Sproat	36 points	Taylor Hill	$5.00
2. Garden No. 2	Gilbert Harwood	35 points	Old Fairlawn	3.00

The mystery picture this month should be readily recognized by the old-timers in the shop. If the original of this picture wishes to possess the photograph, the present owner is willing to let him have it. Application can be made at the Employment Department.

As an evidence of application and ability on the part of the workman and of faithfulness on the part of his instructors, this example of wood carving speaks for itself. It was done by one of our apprentices, Lawrence Gilmore, and is something which he and the shop can be proud of.

The basketball fans of Whitinsville will be pleased to hear that plans are already under way to have the Northbridge High School home games played on the Whitin Community Association floor this coming season. The limited floor space at the school makes it impossible to accommodate the large number of fans who have been desirous of seeing the games in the past, but there will be room for all at the gym.

PRIZE GARDENS

Gilbert Harwood, Old Fairlawn; Jos Grignon, Reservoir; Andrew Buwalda, New Fairlawn; James McQuilkan, Taylor Hill; William Walsh, Crescent Street; William Sproat, Taylor Hill; Simon Platukis, Brick School.

The WHITIN Spinole

Gladioli on Exhibition at Whitin Home Garden Show

SEPT.-OCT.
1925
Vol. 6 No. 5

Dione Setzer

Nowaday Mac

Mr. C. W. Lasell with Nowaday Girl 2:08¾

Atlantic Express 2:07¼

Henry Setzer 2:10¼

Duster 2:21¾ (First Trotter at Farm)

Fred Wilkes 2:13¼

The WHITIN Spindle

VOLUME 6 WHITINSVILLE, MASS., SEPT.-OCT., 1925 NUMBER 5

Oakhurst Farm

Oakhurst Farm, located about two miles from Whitinsville, is owned by Chester W. Lasell, president of the Whitin Machine Works, and one of the best-known horsemen in New England. It has long been known as one of the leading racing stables in the east, having produced many horses of note. For the past few years, however, most of the time has been devoted to the breeding industry, and at present it is probably the leading breeding farm in New England.

Mr. Lasell's interest in the racing game dates back to 1899, and since that time, many well-known horses have been raised and driven by Mr. Lasell, as well as others that have been purchased from time to time.

Rubenstein, with a record of 2.05 for the mile, was the forerunner of a long string of good horses which were destined to make a name for Oakhurst Farm in the racing game.

The next horse to come into prominence was MacDougal, 2.10¼, the first of three great sires, who was at the farm until a few years ago, when he was sold.

He was followed by Henry Setzer, 2.10¼, who was purchased by Mr. Lasell in 1909, and who has been in stock since, making his record as a four-year-old. Henry Setzer is the

C. W Lasell

sire of some of the most noted colts produced at the farm, the best known being Henry Todd, 2.10, winner of numerous stakes as a three-year-old, including the championship Starting Stake, and Nowaday Lass, 2.09¼.

A few of the best known racers purchased by Mr. Lasell, were Terrill S, 2.08¼, Judge Lee, 2.08¼, Elinagro, 2.09¼, Neuzell, 2.06¼, and Creighton, 2.09¼. Others with good records were purchased, but space does not permit us to mention them all.

Edward Thomas

The third great sire at the Lasell stables, and probably one of the greatest in the country, is Atlantic Express, 2.07¼. Atlantic Express was the sire of the mare Netter, holder of the world's record of 1.58 for the mile, and also of numerous trotters with records of 2.05 or better.

Oakhurst Farm is composed of about two hundred acres, a large part of which is pasture and wood land. It is a well equipped farm, having all of the barns necessary for a good racing stable, together with a fine half-mile track, which has been the scene of many good races.

Three of the men employed at the farm have been with Mr. Lasell for a number of years. John White first started to work at the farm in 1899, and in 1900 was made superintendent, a position he has held since that time. Edward Thomas has been at the farm for the past twenty-three years and Fred Tucker for seventeen years.

In a brief article it is impossible to give a history of the many famous horses which have represented the Lasell Stables on the tracks of this country. Some of these have been mentioned above, but if a complete list should be published it would look like the register of the Hall of Fame. Most men like horse racing and all the citizens of this town are proud of the fact that Oakhurst Farm is located in Whitinsville and of the horses that have been trained there.

It was said at one time that Kentucky was noted for three of its products, beautiful women, good horses and a certain beverage popular

Continued on page 16

John White

Fred Tucker

Interesting Facts About Cotton

George Gannon of the Drafting Room continues his article on the "Romance of Cotton Machinery" with an interesting description of the principles of the cotton roving frame.

The first article of this series contained a detailed study of the variations in the speed of the bobbin to compensate for its increase in diameter as more roving is wound on and we shall now study the design of the parabolic cones which are the source from which this change in speed comes.

Fig. 22 is a gearing diagram of a roving frame and the position of the top and bottom cones in the mechanism can easily be seen.

The top cone is driven by gearing from the main shaft and it rotates at a constant speed. The bottom cone is driven by the top cone at variable speed which depends upon the position of the belt connecting them.

When the bobbin is empty it rotates at its highest speed and the speed decreases as the diameter of the bobbin increases. In Fig. 22 the belt is shown on the cones in the empty bobbin position. After each layer is wound on the bobbin the belt is shifted automatically by the builder motion so as to slow down the revolutions of the bobbin to keep the amount wound on equal to the amount delivered by the front rolls.

To design a pair of cones the following known members must be decided upon.

1. The diameter of the bobbin when empty.
2. The diameter of the bobbin when full.
3. The small diameter of the cones.
4. The large diameter of the cones.
5. The speed of the top cone.
6. The length of the cones.

We shall now derive a general formula which can be used in calculating the diameters of the cones for the speeds desired to suit the various bobbin diameters.

We shall now design a pair of cones by using the inverse ratio method to find the required speed of the bottom cone and the formula $R = \frac{TK}{B + T}$ for the solution of the respective cone diameters. For simplicity we shall forget the gearing between the bottom cone and the bobbins since its ratio does not enter into or affect the design of cones.

A bobbin is one inch diameter when empty and 4 inch diameter when full. The top cone has a constant speed of 90 R. P. M. hence the bottom cone will rotate at 180 R. P. M. if we design cones with a minimum diameter of 3 inches and a maximum diameter of 6 inches. The effective length of the cones is 24 inches. The solution of these cone diameters is shown in the chart of Fig. 23 and the layout of the cones with these dimensions is in Fig. 24. In Fig. 24 the length of the cones is divided into 12 equal spaces since there are 13 points calculated in the bobbin diameters. It is well to note that the top cone is concave and the bottom cone is convex in shape, giving parabolic curves to the cone contours. Hence the common name PARABOLIC CONES. If these cones were not parabolic but were rectilinear, then they would give the correct empty and full speeds to the bobbin but the even movements of the belt along the cones as given by the builder motion would not give the correct speeds at intermediate points along the cones.

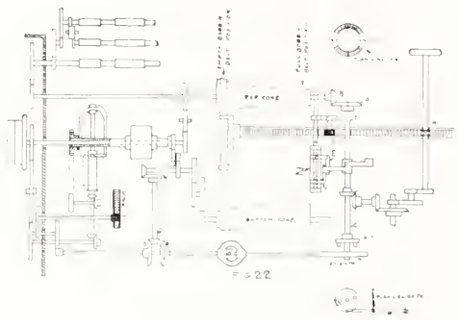


Fig 22

Fig 23

Diam of Bobbin	Inverse Ratio Diam Bobbin	RPM of Bottom Cone	Diameter of Bottom Cone	Diameter of Top Cone
1	1	1 × 180 = 180	3	6
1¼	4/5	4/5 × 180 = 144	3.46	5.54
1½	2/3	2/3 × 180 = 120	3.85	5.15
1¾	4/7	4/7 × 180 = 101.8	4.2	4.8
2	1/2	1/2 × 180 = 90	4.5	4.5
2¼	4/9	4/9 × 180 = 80	4.76	4.24
2½	2/5	2/5 × 180 = 72	5	4
2¾	4/11	4/11 × 180 = 65.4	5.21	3.79
3	1/3	1/3 × 180 = 60	5.4	3.6
3¼	4/13	4/13 × 180 = 55.4	5.57	3.43
3½	2/7	2/7 × 180 = 51.4	5.72	3.28
3¾	4/15	4/15 × 180 = 48	5.87	3.13
4	1/4	1/4 × 180 = 45	6	3

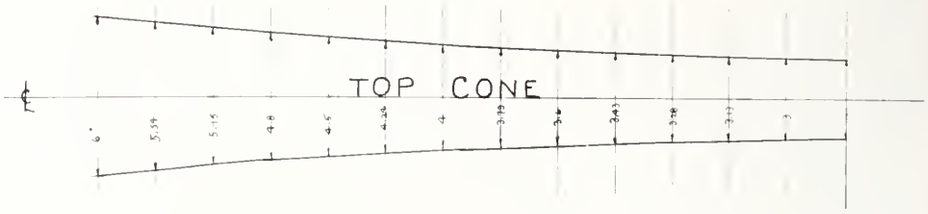
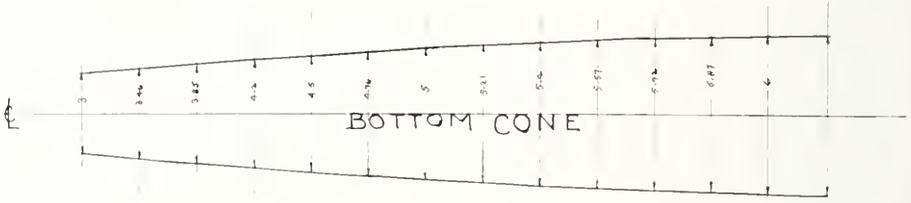


Fig 24



Paul Rossiter Joyce

Wm. J. Foster

Four New Forty-Year Men

During the past few months four more of our employees have been added to the list of forty-year service men: William Foster, foreman of the Chuck job; John A. Wood, foreman of the Spooler job; George L. Gill, foreman of the Roll job; and Edward McGuire of the Spinning Erecting job.

William J. Foster, foreman of the Chuck job, entered the shop in July, 1885, and was first employed on the Planer job under his father, Robert Foster. Mr. Foster started on his time in 1886 under David Smith on railway heads, and was employed there for the full three years. On the completion of his apprenticeship he worked for Mr. Smith for a year and was later transferred to Remington and Burbank on Spinning. When Mr. Burbank was put in charge of the Loom job, Mr. Foster was transferred to that department as a tool maker and was later made assistant foreman. He was made foreman of the department in 1914, upon the retirement of Mr. Burbank, and remained there until 1921, when he was transferred to the Chuck job to act as foreman of that department.

John A. Wood

John A. Wood entered the Whitin Machine Works as an apprentice in September, 1885, under Remington and Burbank on Spinning. He was later transferred to Cleveland on Spoolers and from there to Graves on Pickers. In April, 1888, Mr. Wood was transferred back to the Spooler job where he has been since that time. On the death of Mr. Cleveland, in 1904, Mr. Wood was appointed foreman of the department.

Edward McGuire

Edward McGuire came to the United States from Ireland in 1883. He entered the employ of the Whitin Machine Works in September, 1885, working on the outside for about two years. He was later transferred to the Spinning Erecting department under Charles Pollock, on which job he has been since that time. During his stay on the job he has worked for Thomas Crompton, Sr., as well as Mr. Pollock and the present foreman, Frank Bates. Mr. McGuire is unable to be at his work at the present time, due to an attack of rheumatism. We hope he will be able to return to work at an early date.

George L. Gill

George L. Gill, foreman of the Roll job, entered the Whitin Machine Works in September, 1885, starting to work on the Spindle job under Henry Woodmancy. He was later transferred to Fred Houghton on Drawing, and from there to Heath on gears. After a short period on Mr. Heath's job he was transferred to the Tool job under Herbert Barnes, and from there to the Roll job under B. L. M. Smith. He was made assistant foreman of the job in 1896, and on the retirement of Mr. Smith in March, 1907, was appointed foreman, which position he still holds.

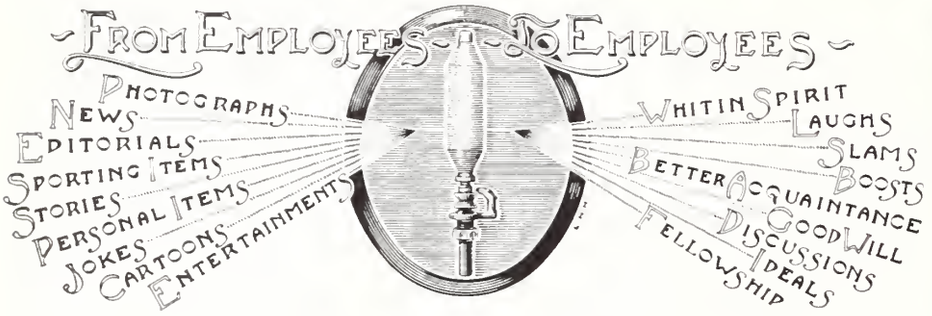
KINDNESS

One never knows
How far a word of kindness goes;
One never sees
How far a smile of friendship flees.
Down through the years
The deed forgotten reappears.

One kindly word
The souls of many here has stirred.
Man goes his way
And tells with every passing day,
Until life's end:
"Once unto me he played the friend."

We cannot say
What lips are praising us to-day.
We cannot tell
Whose prayers ask God to guard us well.
But kindness lives
Beyond the memory of him who gives.

—EDGAR A. GUEST.



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

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Loyalty

Loyalty is that form of unselfishness and devotion to friend and to fellow-man which makes organization of any sort possible. It is the basis of business success, the foundation of the home, of the church, of the state, and of society itself.

Loyalty in business is evidenced by a man's becoming a real part of the organization with which he is connected; by his being fair and square in all of his dealings with his associates, and by his exerting a whole-hearted effort toward the general success.

The loyal worker is the man who is heart and soul with the organization, because he knows that his welfare is bound up in the success of the business.

The loyal employer is the one who is heart and soul with his workers, because he knows that his success depends upon their co-operation.

The dishonest man cannot be loyal, for loyalty is honesty. The grumbler cannot be loyal, for loyalty is unselfishness. The unfaithful man cannot be loyal, for loyalty is fidelity.

The man who is loyal who does not recognize his dependence upon his fellow men and their dependence upon him—that great interdependence which is one of the laws of life.

No man is loyal who does not fully understand that unfairness or injury to any of his fellows can only result in ultimate injury to himself.

No man is loyal who is not true to his better self.

Former Employee Visits Shop

Mr. Howard P. Norton, who served his time in the shop forty-five years ago, was a visitor in Whitinsville during the early part of October. He entered upon his apprenticeship in February, 1880, and completed it in March, 1883. During the first year he worked on cards for Howard Burbank, the second year on spinning for Remington and Burbank, and the balance of the time for Benjamin R. Graves on Pickers. For a time he also served as second hand to Mr. Graves. He terminated his service here in December, 1883.

After leaving the shop Mr. Norton established a business in Brockton, which he conducted for a number of years. He disposed of this and went to Newport where he was employed in the Naval Torpedo Station until his retirement at the age of sixty-five. During the last four years of his service there he was "Leading Man," which, in the government service, means the same thing as foreman.

Mr. Norton was the guest of Mr. Graves during his stay in Whitinsville.

Howard P. Norton

Timothy Nutter

Promoted Foreman of Electrical Dept.

Timothy Nutter, formerly employed in the power house, was appointed foreman of the Electrical Department to succeed E. T. Gilman, who resigned in September. Mr. Nutter entered the employ of the Whitin Machine Works in 1900 as an electrician under Harry Hazelton. He worked for Mr. Hazelton for two years and was then transferred to the power house where he was employed until his recent promotion. The SPINDLE offers its congratulations and wishes him success in his new position.

Nothing is easier than faultfinding—no talent—no self-denial—no brains—no character are required to set up in the grumbling business.

Robert West.

Whitin Home Garden Club Show

The annual exhibition of the Whitin Home Garden Club was held in the George Marston Whitin Memorial Gymnasium on Thursday afternoon and evening, September 18. The garden produce and flower displays were judged by Mr. Herbert L. Reiner of the Worcester County Extension Bureau, and the preserves and fancy work by Miss Thomas of the same Bureau.

The north side of the building was reserved for the group displays of the various groups of the garden club. First prize was awarded to the Brick School House Section, with a total of 88 points out of a possible on hundred.

The south side of the gymnasium was set aside for the individual display of vegetables and preserves, which were of a high grade, although not as large as in past years.

The Town Farm and Thomas Frieswick had attractive individual tables at the east end of the hall. Mr. Frieswick won quite a few prizes.

The feature of the exhibition was the display of flowers. The collection of gladioli shown by Mr. Emmons, won nothing but praise from those who attended the show. The display of dahlias and gladioli by Lester B. Randall, Harley E. Keeler and Thomas Frieswick were also of a high order.

The members of the club together with their guests, assembled at the gymnasium and marched to Odd Fellows Hall, where a real old-fashioned New England boiled dinner was served at 6.30. Practically all of the vegetables were furnished by the members of the club. Mr. George B. Hamblin acted as toastmaster, and during the evening presented the prizes to the members having the best gardens. The speakers of the evening were Mr. J. F. Story, Superintendent of the Worcester County Extension Bureau, and Mr. Reiner, who judged the produce in the afternoon.

Group display at Garden Show

Following the dinner the members adjourned to the Community Building where motion pictures were shown following short addresses by Mr. Hamblin and Mr. Keeler. After the moving pictures dancing was in order until twelve o'clock.

The committee in charge included Harley E. Keeler, chairman; Fred Burroughs, Joseph T. Cahill, Klaus Dufries and Gilbert Harwood.

The list of prize winners is as follows:

Brick School House district, 1st prize for the best looking table; Taylor Hill Section, 2nd; Old and New Fairlawn, 3rd; Taylor Hill section, 4th. The following individual awards were made for vegetables: Cabbages, 1st prize, Henry Martin; 2nd, Harry Martin; 3rd, Simon Platukus; peanuts, 1st prize, Simon Platukus; cauliflower, 1st prize, Thomas Frieswick; 2nd, Simon Platukus; endive, 1st, Joseph T. Cahill; red Wetherfield onions, 1st, Andrew Bawalda; 2nd, Henry Martin; 3rd, Henry Martin; yellow onions, 1st, Andrew Bawalda; 2nd, Arthur Clarke; cowhorn potatoes, 1st, Joseph T. Cahill; 2nd, Joseph McKenna.

Tomatoes, 1st, Gilbert Harwood; 2nd, Thomas Frieswick; 3rd, Raymond F. Meader; potatoes, 1st, Thomas Frieswick; 2nd, Gilbert Harwood; 3rd, Joseph Grignon; corn, 1st, Donald Simmons; 2nd, Harley E. Keeler; 3rd, James Hayes; peppers, 1st, Simon Platukus; 2nd, Thomas Frieswick; 3rd, Simon Platukus; cucumbers, 1st, Arthur Clarke; 2nd, Andrew Bawalda; 3rd, Henry Martin; beets, 1st, Gilbert Harwood; 2nd, Henry Graves; 3rd, Simon Platukus; lima beans, 1st, Frank A. Cross; 2nd, Frank A. Cross; beans, 1st, Simon Platukus; 2nd, Wilfred Harwood; 3rd, Andrew Bawalda; carrots, 1st, Gilbert Harwood; 2nd, Andrew Bawalda; 3rd, Simon Platukus.

Turnips, 1st, Gilbert Harwood; 2nd, Arthur Clarke; 3rd, Arthur Clarke; summer squash, 1st, Arthur Clarke; 2nd, Thomas Frieswick; melons, 1st, Patrick Sullivan; 2nd, Gil-

Continued on page 11, column 3.

Dahlia Display at Show

Whitin Team Wins Second Place

The Whitin Machine Works team finished in second place in the Blackstone Valley Baseball League, with a lead of half a game over the Rockdale Mills team. The last half of the season found the teams with much stronger lineups than during the early part of the season, and the race for second place was close all the way.

Since the last SPINDLE the team played ten games, winning five and losing five, registering two wins each over Millbury and Fisherville and one over Uxbridge; and losing two each to Uxbridge and Douglas and one to Millbury.

Saturday, August 29, was set aside as "Kearnan Day," in honor of "Bunkie" Kearnan, coach and star center fielder on the Whitins team. "Bunkie" was presented with a beautiful gold watch by Mr. George B. Hamblin, on behalf of his many friends throughout the shop. He responded in his first time at bat with a single, and followed this up with a triple, another single and a walk, finishing the day with a perfect batting average. "Bunkie's" work was the only bright feature of the day, as Schuster's stars handed our team its worst licking of the season, 15 to 1. Although the day was set aside as "Kearnan Day," the people of Whitinsville thought it was "Schuster Day" before it was over.

The last game of the season found us playing the Millbury team on Vail Field with second place at stake. With Berry of the Salem team in the box, it looked as though we were in for an easy victory. Going into the seventh inning with a lead of seven to one, the boys started kicking the ball around and the Millbury team scored five runs before the inning was over. Good pitching by Berry prevented further scoring in the last two innings, the final score being 7 to 6.

The final standing of the league and the batting averages of the Whitin team follows:

	W.	L.	%
Douglas	31	6	.838
Whitins	19	17	.528
Rockdale	18	17	.514
Millbury	16	20	.444
Fisherville	14	21	.400
Uxbridge	10	25	.286

Geo. B. Hamblin Presenting Watch to Harry Kearnan

	AB	R	H	%
Kearnan	136	34	59	.434
Sullivan	13	1	5	.385
Crawford	24	2	7	.292
Trinnier	24	2	7	.292
Hartley	108	16	30	.278
Leonard, F.	159	31	42	.264
Steele	60	8	14	.233
O'Neil	142	20	33	.232
Murray	27	4	5	.185
McGuire	118	14	21	.178
Carroll	49	2	5	.102
Vincent	16	0	0	.000

The Foundry team won the championship of the Sunset League after one of the hardest fights since the organization of the league. With the completion of the regularly scheduled games, it was necessary to play off practically all of the postponed games in order to decide the winner, with the Foundry, Speeder and Spinning teams all in the running.

The Foundry was represented with one of the strongest teams in the history of the league, with Kearnan, Hartley, Carroll and Crawford of the Blackstone Valley League team in their lineup, as well as Veau, Jones, McKee and Keeler, who are still able to play a pretty fair game. The team dropped their first two games and then won nine straight before dropping another.

Better play safe than be playing a harp.

Foundry Wins Championship of Sunset League

The Yard won but two games during the season, defeating the Spinning and Speeders during the closing weeks. The defeat of the Spinning team practically eliminated it from the running while the defeat of the Speeders helped the cause of the Foundry. The Yard tried to make it three straight wins when they tackled the Foundry but lost out when the latter team scored four runs in the final inning. Had Campo been accorded only fair support the Foundry would have been on the losing end.

As in past years, a sweater was awarded to the player with the highest batting average, and this year it went to Lozier, star second baseman of the Speeder team, with an average of better than 500. His playing at second base was nothing less than sensational during the entire season, turning in spectacular plays that cut off runs time and time again. In the last two games with the Foundry he succeeded in getting six hits off Kearnan out of seven times at bat.

The following players on the winning Foundry team were awarded sweaters: Hugh Currie, Manager, Winford "Sally" Jones, Captain,

Continued on page 9, column 1

Soccer Teams Tied for First Place

The Whitin Machine Works Soccer Team entered the Triangle Industrial League this year after a year in the Central Massachusetts League. The league is composed of six teams, including the Draper Corporation of Hopedale, American Optical Company and Hamilton Woolen Company of Southbridge, Norton Company of Worcester, Morgan Construction Co. and the Whitin Machine Works.

As we go to press the team has played three games, winning one and tying two, one of the ties being with the fast Draper Corporation team, last year's champions.

On September 26 the team opened its schedule, playing the Draper team in Hopedale, the score ending at three all. Whitins opened the scoring after a nice piece of work by Harry Jardine, who succeeded in beating two of the Hopedale defenders and centered the ball to Jimmie Davidson, midget forward, who headed it through. Hopedale came back strong and in a short time scored the equalizing goal and shortly afterwards scored again, only good work by the half backs preventing further scoring. After some good combination work on the part of the Whitin forwards, Jimmie Davidson was given possession of the ball twenty yards from the Hopedale goal and squirmed through for the equalizer, the Hopedale goal tender having no chance to save. Hopedale soon took the lead again only to see Eddie Nuttall tie it up. It was a well played game with both teams very evenly matched.

On Saturday, October 3, we played the Hamilton Woolen team on Vail Field. The game was played in a heavy rainstorm and the playing surface was covered with inches of water. The visitors proved to be poor swimmers compared to our team, and the boys piled up six goals in short order, and took things easy, winning by a score of nine to four. Eddie Nuttall was the star performer, scoring six goals, with Jackson, Smith and McCracken scoring one each. The Whitin lineup was as follows: McCracken, goal; McFarlane, right back; John Davidson, left back; Jardine, right half; Holmes, center half; Jackson, outside right; Cowburn, left half; Steele, inside right; Nuttall, center forward; Jimmie Davidson, inside left, and Smith, outside left.

On the following Saturday the team journeyed to Southbridge for a return game with the Hamilton team. This game was played under worse conditions than the previous Saturday, with a heavy gale blowing across the field, making it absolutely impossible to control the ball. The home team, with the wind at their backs, succeeded in scoring two goals in the first half and Bob McFarlane and Bob Holmes scored twice in the second half, tying it up. The lineup was; Rothwell, goal; McFarlane, right-back; Jock Davidson, left back; Jardine, right halfback; Holmes, center halfback; Cowburn, left halfback; Jackson, outside right; Steele, inside right; Nuttall, center forward; Jimmie Davidson, inside left; Smith, outside left.

Eddie Nuttall gave up soccer at the close of last season and retired from the game for good. This season he has scored seven goals so far.

A good road map will tell you that it is about six or seven miles to old Douglas from Whitins. Going to Southbridge, Freddie Cowburn fooled the road map and drove twenty-two miles. You can easily tell an Englishman, but you can't tell him much.

Joe Benoit drove some of the players to Southbridge and is now wearing a leather wrist supporter. Those in the know say he received the injury trying to cut a steak served to him in one of the department stores in Worcester. He must have struck the hardware department. While he was trying to chip a piece off, the waitress asked him if he would like another knife. Joe replied that he would take a chance with the same knife if another steak was forthcoming.

Jack Rauth is the official fair weather linesman.

A Soccer League has been formed among the grade schools. Plummers Grammar, Grove and West End are included in this league. It is under the direction of Mr. Thomas M. Colthart, who has had a wide experience in playing and coaching soccer, and whose reputation has led him to receive offers from some of the best known prep schools in Massachusetts.

The first game was played on Saturday, October 10, between West End and Grove, which resulted in a victory for West End. The league consists of the following boys: Grove School—David Zuidema, Captain; Philip Hathaway, Harry Drinkwater, Robert Magill, Dona Gamelin, William Gray, Byron Mathewman, John Turken, Robert Wood, Gordon Spence, Clovis Delouis, Chester Van Dyke, Antranig Barsomian. West End School—Albert Belanger, Captain; Ronald Blakley, Moosherk Ovian, Michael Sahagian, George Arakian, Frederick Whittaker, Daniel Duggan, David Longmuir, Henry DeBoer, Charles Arakian, Robert Patterson. Plummers School—Peter Minkema, Captain; John Johnson, Arthur St. Andre, Paul Rutana, Frank Woucyuk, Teddy Garabedian, Leo Fitzpatrick, Sidney Vanderzee, Stanley Margot, Stanley Convert, Philip Moroney, John Torosian, Robert Walsh, Monford Brothers.

Sunset League

Continued from page 8

James Hayes, Robert Keeler, William Carroll, Robert McKee, Louis Veau, George Hartley, Harry Kearnan, Francis Crawford, Harold Johnston and Donald Simmons.

The league standing is as follows:

	W.	L.	%
Foundry	11	3	.785
Speeders	8	6	.571
Spinning	7	7	.500
Yard	2	12	.143

League Standing

	W	L	T	P
Whitin Machine Works	1	0	2	4
Norton Company	2	1	0	4
Draper Corporation	1	0	1	3
American Optical Co.	1	2	0	2
Hamilton Woolen Co.	0	2	1	1
Morgan Const. Co.	0	0	0	0

Activities at the Geo. Marston Whitin Gymnasium

Activities in the swimming pool at the gymnasium for the coming year promise to be most interesting.

A conference recently held with Mr. Lawrence Johnston and Mr. Ben James of the Brookline Swimming Club, has led to the indorsement by the Swimming Committee, of a series of meets for the junior boys and junior girls with the boys and girls of Brookline.

If the present plans go through, the first meet for the boys will be held in our own pool on December 12 with Brookline, and a return meet will be held in Brookline on December 22. The boys eligible for these meets must be under sixteen years of age.

The arrangement of the races takes into consideration age and endurance.

Besides the swimming races there will be diving competitions. Five different dives are required: Front dive, back dive, front jackknife, back jackknife and one optional dive.

The distances for the races are to be decided upon later, but will undoubtedly be 20, 40 and 60 or 80 yards.

Worcester and Pawtucket are to be invited to participate in these meets also.

It is hoped that the enthusiasm which the exhibitions aroused for swimming in the past two years will continue to show itself.

Hockey

The Intermediate Girls have at last come into their own. No sport has appealed to the girls as much as field hockey.

If you have any doubt about their interest and pep, visit Vail Field any Tuesday or Friday from 2.45 to 4.00 P. M. While you are there, look at the good healthy glow on each cheek, and the sparkle in every eye. It will do your heart good to see them. Is there anything that can surpass exercise in the glorious out-of-doors? Watch them go up and down the field with that ball. No fear is mastering them. Paramount in their minds is the determination to overcome any obstacles in their way to the goal. Next year they will be ready to challenge some of the Worcester High Schools' hockey teams if they continue the good work. Keep it up, girls!

Good Times

It is the desire of the Physical Department to give the members of the classes some jolly good times. We feel that those who take class work twice a week are entitled to some extra good times. The first of these special parties will be around Hallowe'en time.

Hasn't it been some time since you have been on a hay ride? That's what it is to be. If you are a member of either of the senior classes, be here Thursday evening, October 29. We won't guarantee to take you far, but it will take about two hours to get you there. Fun going and coming, and fun when we get back to the gym—that is, if you consider eating fun. The Juniors will have their ride Friday afternoon, October 30, and the Intermediates on Saturday evening, October 31. Don't forget it's moonlight!

Clinic

One of the most important activities carried on at the gymnasium is the Baby Clinic, which weekly takes care of twenty-two babies.

The clinic is under the supervision of local physicians who give their time and services. It is held every Thursday morning from 9.30 to 12.00.

The work of the physicians and nurses carried on at this clinic is deserving of the highest praise.

While we are on the subject of clinics, it would be unfair not to mention the splendid work that is being done in our community by Dr. Ayres of Worcester, one of the most skillful orthopedic surgeons in the United States.

Dr. Ayres is at the gymnasium every other Tuesday at five o'clock. At this time he is glad to meet those who can and those who cannot afford to pay for his services. A reasonable fee is charged, and it is possible for all to avail themselves of this splendid opportunity.

His dates for the rest of October, November and December, when he will be at the gym, are as follows: October 20, November 3, 16, December 1, 15 and 29.

Fall in—Our Senior Women's and Girls' Gym Classes started October 15. If you weren't able to join us then—start now.

To Ye Olde Members—We are saving your place for you. Don't disappoint us.

To Ye Newe Members—There is always room for one more. Especially for you. We shall be right happy to see you in the line.

To Ye All—We shall do our best to make this the very pleasantest year on record. Come out and join in the fun.

NOTE:—During Basketball Season the pool will not be open regularly on Saturday at the hours from 7 to 9 for men. A period for *family swimming* will follow *all swimming exhibitions.*

POOL SCHEDULE

Monday and Thursday

Junior High School Boys	3.15–4.00	Senior Women Swimmers, Thursday only	9.30–10.30 A. M.
Senior High School Boys	4.15–5.00	Intermediate Girls	7.15– 8.00 P. M.
Grade School Boys	5.00–5.45	Senior Women (or girls)	8.00– 9.00
Men	5.45–7.00	Senior Girls (or women)	9.00–10.00

Tuesday and Friday

High School Boys	6.45–7.30	Senior Women	2.00–3.00
Employed Boys	7.30–8.30	Junior High Girls	3.20–4.20
Men	8.00–9.30	Senior High Girls	4.20–5.20
		Juniors	5.20–6.10

Wednesday

Boys' Swimming Team	4.00–5.00 P. M.	Senior Women (non-swimmers)	9.30–10.30 A. M.
Men	5.00–6.00	Girls' Swimming Team	3.00– 4.00 P. M.

Saturday

Junior Boys	10.30–11.30 A. M.	Children under 9 years	9.00– 9.30 A. M.
Intermediate Boys	4.00– 5.00 P. M.	Junior Girls	9.30–10.30
Men	5.00– 6.00	Seniors	2.00– 3.00 P. M.
Men	7.00– 9.00	Intermediate Girls	3.00– 4.00

Members' Meeting

On November 4 there will be a special get-together meeting of the senior members of the Whitin Community Association. At this time there will be an entertainment, music and refreshments. The speaker for the occasion has not yet been chosen, but the committee in charge is hoping to stage an unusual feature. A professional magician from Boston is to be selected by Mr. Arthur E. Baird, president of the Magicians' Club in Boston.

The magician will attempt to free himself from a box made by our superintendent, Mr. W. O. Aldrich. There is considerable doubt as to the possibility of his accomplishing this feat. Whitinsville bets are all against him.

Another interesting feature at this time will be an "Our Gang Comedy" picture.

There will be no guest tickets issued for this night.

Membership

So many have asked regarding the bill sent for dues, that I would be glad if you would give me space in your valuable paper to explain that this year we are sending a bill for dues, instead of asking for a renewal of membership, taking for granted that all present members of the association intend to continue their membership. All memberships taken last year run for one year from the date the membership is taken out. For instance, if the membership was taken out on the eleventh of November, it will run for one year from that date instead of terminating on the thirty-first of August, as in previous years. A reasonable amount of time will be allowed all members to pay their membership dues, after which time, the privileges of membership will be withdrawn.

No boss' interest in you can ever make up for lack of interest by you in your work.

Don't take your mistakes too seriously. Only take warning.

Office Girls Surprise Miss Brown

Miss Elaine Brown of the Production Department was pleasantly surprised by the girls of the office on Tuesday evening, October 13, at the social rooms of the Whitinsville Fire Department, when she was presented with a beautiful floor lamp, in honor of her approaching marriage to Allan McCrea of Whitinsville.

An entertainment was given by some of the girls during the evening and included sketches by Mary Cook, Nellie Vail and Margaret McKaig, and dances by Catherine Munt and Gwendolyn Searles. Before the evening was over most of the young ladies had become quite adept at sliding down the poles in the fire station. The competition was close when the girls tried sliding against time, with Lucia Bates, Catherine Scott and Helen Cotter proving to be the fastest.

Among those present were Catherine Scott, Catherine Munt, Alma Bassett, Marion Wood, Jesse DeBoer, Irene McCool, Isabelle Hamilton, Alice Ferguson, Mrs. Gertrude Barlow, Jane Currie, Mrs. Alice Jefferson, Florence Baldwin, Mary Cook, Mrs. Mildred Sylvester, Lucia Bates, Helen Cotter, Eva Feen, Mary Britton, Nellie Vail, Margaret McKaig, Doris Aldrich, Gwendolyn Searles, Dorothy Vanderschaft and Helena Roche.

"Scene" at the Golf Course

Home Garden Club

Continued from page 7

bert Harwood; pumpkins, 1st, Raymond Harwood; 2nd, Gilbert Harwood; 3rd, Thomas Frieswick; golden Hubbard squash, 1st, Arthur Clarke; 2nd, Patrick Sullivan; 3rd, Simon Platukus; green Hubbard squash, 1st, Arthur Clarke; 2nd, Harley E. Keeler; 3rd, Arthur Clarke; blue Hubbard squash, 1st, Arthur Clarke; 2nd, Patrick Sullivan; 3rd, Patrick Sullivan; field pumpkins, 1st, Thomas Frieswick; Boston marrow squash, 1st, Arthur Clarke; 2nd, Gilbert Harwood; 3rd, Harley E. Keeler; melons, 1st, Thomas Frieswick; delicious squash, Thomas Frieswick.

The awards for canned goods were made as follows:

Beans, 1st prize, Thomas Frieswick; 2nd, Mrs. Henry Martin; peas, 1st prize, Mrs. Henry Martin; 2nd, Mrs. Harley E. Keeler; 3rd, Mrs. Gilbert Harwood; plums, 1st, Mrs. Harley E. Keeler; squash, 1st, Mrs. Harley E. Keeler; collection of pickles, 1st prize, Thomas Frieswick; corn, 1st, Mrs. Harley E. Keeler; 2nd, Thomas Frieswick; peaches, 1st prize, Thomas Frieswick; succotash, 1st prize, Thomas Frieswick; crabapples, 1st prize, Thomas Frieswick; jelly and jam collection, 1st, Thomas Frieswick; raspberry, 1st, Mrs. Harley E. Keeler; 2nd, Thomas Frieswick; blueberries, 1st, Mrs. Harley E. Keeler; 2nd, Mrs. Gilbert Harwood; 3rd, Thomas Frieswick; mince meat, Thomas Frieswick.

The following awards were made in the flower exhibit:

Gladioli, 1st, Lester B. Randall; 2nd, Harley E. Keeler; dahlias, 1st, Thomas Frieswick; 2nd, Harley E. Keeler; mixed flowers, 1st, Harley E. Keeler.

The following awards were made for needlework:

Crochet and embroidery, 1st prize, Mrs. Robert Lawson, Jr.; embroidery, 1st prize, Mrs. Frank Clarke.

The committee in charge of the arrangements was: Reception, Harley E. Keeler; decorating, Fred E. Hathaway; printing, Fred Burroughs; entertainment, Joseph T. Cahill; supper, Gilbert Harwood.

A Letter of Thanks

The recent collection taken in the shop for Thomas Devlin was very successful. The following letters have been received from Mr. and Mrs. Devlin and family and the Committee in charge of the subscription.

Editor Whitin Spindle:

Please express through the Spindle our sincere thanks and gratitude to all who in any way aided in the recent generous subscription for our benefit.

Mr. and Mrs. Thomas Devlin
and family.

We wish to join with the family in expressing our thanks and appreciation to the executives of the Whitin Machine Works for permission to circulate the papers, and for their generous contribution; to the foremen for their willing cooperation and to all who so generously contributed to the success of the testimonial.

Committee

William T. Walsh, Chairman.
Arthur Jackman, Secretary
Thomas Joyce, Treasurer
Thomas H. Driscoll,
Joseph T. Cahill,
Michael Kelliher,
Patrick Daley,
Jeremiah W. Horan.

Butterfield-Clifford

Vance Butterfield, a member of the Comber job, and Miss Doris Clifford, formerly a clerk at the Blue Eagle Inn, were married at the home of the bride in Northbridge, on Saturday, October 10. After a honeymoon spent in Maine, Mr. and Mrs. Butterfield will make their residence in Northbridge.

When you amass a fortune you say you are smart. Your friends say you are lucky, and your enemies say you stole it. After you are gone it will probably be spent by somebody who doesn't care a darn how you got it.

When you get right down to the pit and the seeds, the boss doesn't care a hoot whether your ancestors were supermen or monkeys. He is interested in what you can do and how well you can do it.

An Invitation to Join!

Would you care for those whom disaster has made homeless? Would you show gratitude to the wounded veteran who courted death that war might give way to peace? Would you save life and prolong health? Would you teach children to love and to serve? If so join THE AMERICAN NATIONAL RED CROSS during the Annual Roll Call, Armistice Day to Thanksgiving,—November 11 to 26, 1925.

The American Red Cross announces its annual roll call for membership, from Armistice Day, November 11, to Thanksgiving Day, November 26.

The Red Cross has demonstrated its lasting value in past months, and the splendid work done by this organization during the World War is known to all of us. We hope there will be a large enrollment in Northbridge during the drive. The subscription fee is only $1.00, and is a dollar well spent and within everyone's means.

Social Season Opens at Gymnasium

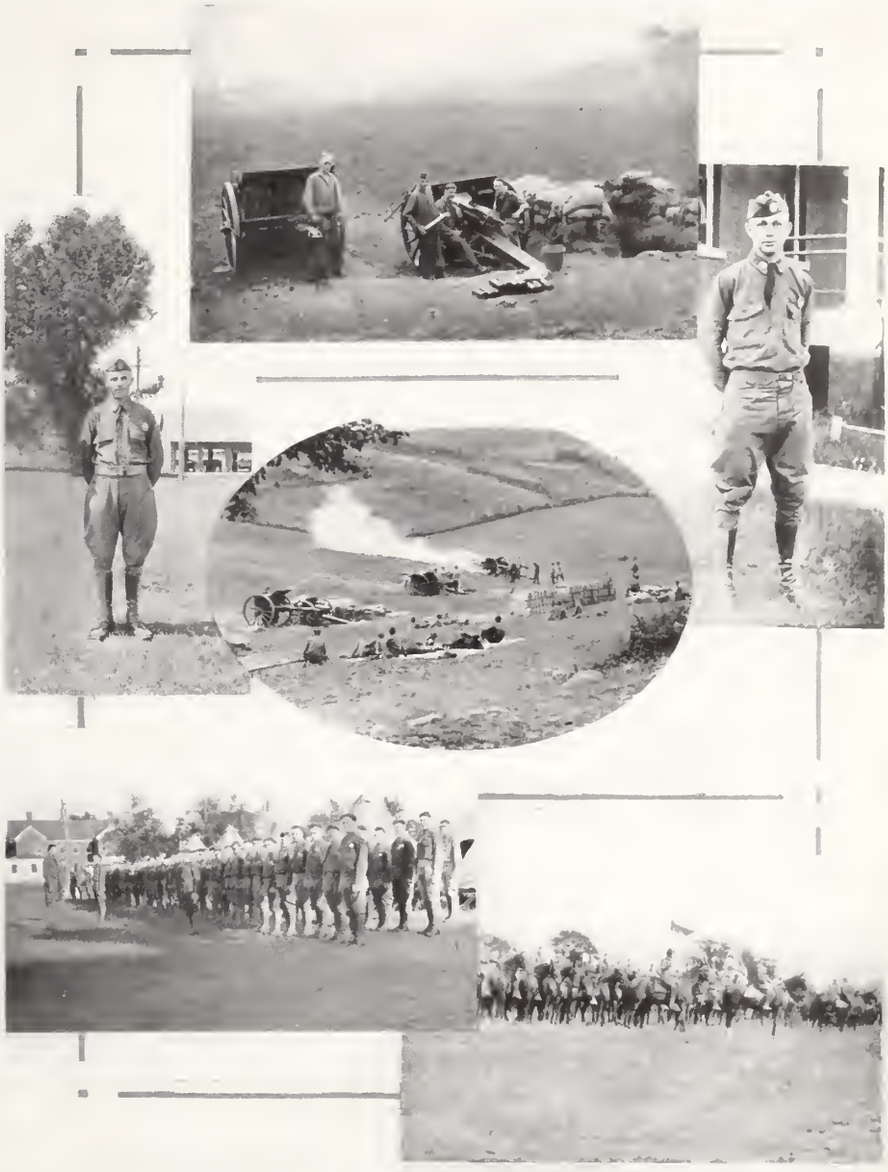
The first fall dance of the season was held at the Whitin Community Building on Thursday evening, September 18, for members and guests. The music for the occasion was furnished by Bennie Conn's celebrated eight piece orchestra. The committee in charge was Harold Johnston, Chairman, Lily Bogie, Jane Currie, Lucia Bates, Ruth Stewart, John Dean, Leon Houghton and Mrs. Mabel Tabor.

Plans have been completed for the big Hallowe'en dance on Wednesday evening, October 28, with music by Lou Collins' Rivoli Boys. The Hallowe'en dance has been one of the big features of the social season at the Community Building in past years, and this year it is expected to be bigger and better than ever. Everyone attending is assured of a good time.

The championship Foundry team of the Sunset League played a two game series with the Foundry team, champions of the Draper Twilight League. The first game was played in Hopedale on Friday evening, September 22, ending in a tie score, 3 to 3, in a nine inning game.

The return game was played on Vail Field on Tuesday evening, September 28, the home team winning in a slugging match, 9 to 8. Johnnie Steele pitched for the Foundry and was hit quite freely, the visitors holding a commanding lead until the eighth inning when the home team scored four times. Manager Currie used a couple of subs, some of his regular players not being available. His lineup was as follows: Hayes, catcher, Steele, pitcher; Keeler, 1st base; Carroll, 2nd base; Wallace, short stop; Veau, 3rd base; McKee, left field; Crawford, center field; and Benoit, right field.

All the money in the world is no use to a man or his country if he spends it as fast as he makes it. All he has left is his bills and the reputation of being a fool.



"Mac, would you like a little of something Scotch—the real thing?"

"Well, now—I never—"

"Of course you would. Mary, bring our that pot of Dundee marmalade."—Life

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A Scottish clergyman who was a very keen golfer, used to puzzle the friends with whom he played by muttering "Loch Lomond," in ferocious accents every time he fozzled a shot.

"Excuse me," his partner said frankly, "but why do you say 'Loch Lomond,' every time you miss a shot?" The minister's eyes twinkled. "Loch Lomond," he explained with a chuckle, "is the biggest dam in Scotland."—Spokane United Service.

Members of Shop Spend Month at Fort Ethan Allen

Robert Gilmore of the Card Erecting job and Lloyd Stevens of the Automatic Screw job spent the month of August at the Citizens Military Training Camp at Fort Ethan Allen. Both of these young men can be seen in one or more of the pictures shown on this page. Last year they spent a month in the infantry at Camp Devens, but this year preferred to enroll in the Artillery Division. Both succeeded in winning commissions, Stevens coming home a sergeant and Gilmore a corporal.

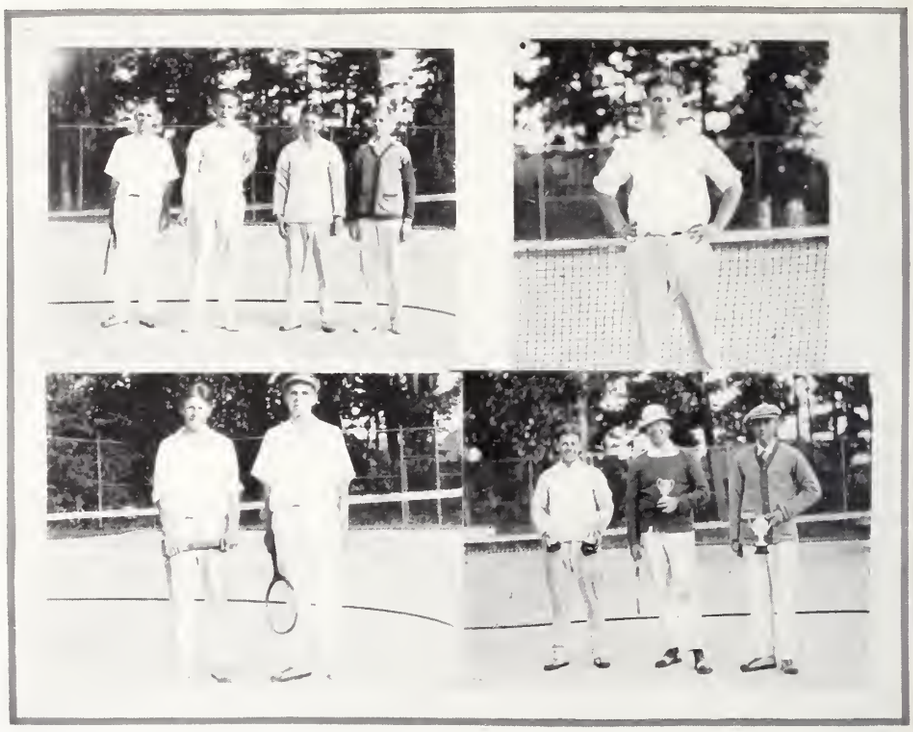
John J. Rankin

During the past few months death has taken two of our long service men, John Rankin of the Spinning department and Charles H. Wood of the Foundry.

Mr. Rankin entered the Whitin Machine Works in April, 1873 and was first employed on the Roll job under George Carr and later for Owen Wade on the Milling job. He later served his time as an apprentice, the greater part of the three years being spent on Spinning work. Most of Mr. Rankin's term of service in the shop was spent on Spinning work, he having worked under Bathrick, Remington, Burbank, Blanchard and Walker.

Charles H. Wood entered the employ of the Whitin Machine Works in July, 1881, and was first employed as a helper in the foundry, working for his father. Mr. Wood's entire term of service was spent in the Foundry he having worked for Gray, Cole, Lincoln and the present foreman, C. T. Moffett.

Chas. H. Wood



During the early part of September, Patrick Duggan visited his garden to dig some potatoes and bring home some other vegetables and took his son James along to help him. On the way home Pat stopped to make a call on a friend, leaving James outside to guard the bag containing the potatoes and vegetables. In a few minutes James ran into the house and told Pat that someone was stealing the potatoes. Pat is of a generous nature and remarked that he had too many anyway and that they were welcome to help themselves. On resuming his journey homewards Pat thought the bag was a little heavier if anything but gave the matter little thought. One can imagine Pat's surprise to see a little quarry come rolling out of the bag after the potatoes. Pat is sorry he didn't investigate when warned by his son.

The wife of a careless man is almost a widow.

Don't look to others to think safety for you, do it yourself.

Safe conditions are good, but safe men are better.

The time to prevent accidents is before they happen.

Production depends on material, methods and men—especially safe men.

The final round of the annual Tennis Tournament of the Whitin Community Association found last year's finalists in the singles, E. Kent Swift and Hamblin Sylvester, opposing each other again. Sylvester turned the tables this year, winning the match after three hard sets.

Sylvester, paired with Wesley Webster, defeated John Lasell and Richard Whitin in the final round in the doubles.

Cups were awarded to the winners in the singles and the doubles and to the runner-up in the singles.

Back in 1890—can you remember that far back?—the world's most famous automobile manufacturer was working in a bicycle shop; a millionaire hotel owner was hopping bells; America's steel king was stoking a blast furnace; an international banker was firing a locomotive; a great merchant was carrying a pack on his back; a great railroad president was pounding a telegraph key. Moral: Where will you be in 1960?

—Exchange.

As we go to press, word has been received of the death of William H. Smith of the Bolster job. Mr. Smith was a veteran of over thirty year's service, having entered the shop in February, 1890.

Adams-Barr

The many friends of Miss Florence Barr of the Main Office and Raymond Adams of the Production Department, were surprised to receive announcements of their marriage at the Little Church Around the Corner on Saturday, October 10.

George Hanna, foreman of the Planer job, purchased a nice travelling bag a few years ago and soon after purchasing same it mysteriously disappeared and he could find no trace of it. He searched the house high and low but the bag was to be found nowhere. Some few weeks ago George went to a ball game in Millbury and was very much surprised to see one of the well known "umps" in the Blackstone Valley League walk onto the field with a bag that looked familiar to George. On examination George discovered it to be the long lost bag and was reminded that he loaned it to his friend the "ump" for a "week-end" some two years ago. George claims the bag will see no more such "week-ends" while he has anything to say about it.

The dog pictured above is Ria Von Heck, one of the few Doberman Pinchers in this country, and is owned by John Kelliher, chauffeur for Mrs. J. M. Lasell.

Since the opening of the hunting season Wm. Britton of the Electrical Department has bagged one fox and Geo. Gill of the Roll job and Geo. Gannon of the Drafting room have two to their credit.

John Crompton—One of our Retired Long Service Men in his Flower Garden

Raymond Hobbs, one of our apprentices, spent the month of August at the Students' Military Training Camp at Camp Devens, Mass. He is the second one from the left in the rear row in the above picture.

We have no objection, as a matter of fact we approve of a man being honest provided he will refrain from constantly calling our attention to the matter.

A contented man does the best he can and doesn't fret. A satisfied man does very little and allows his wife to support the family.

Geo. Gannon and Fox He Shot During Opening Week of Season

GYMNASIUM SCHEDULE

Men and Boys	Monday and Thursday	Women and Girls	
Junior High School Boys	2.30–3.15	Senior Women	7.00–8.00
Senior High Boys	3.15–4.15	Senior Girls	8.00–8.30
Grade School Boys	4.15–5.00	Basketball League	8.30–9.15
Men	5.00–7.00		
	Tuesday and Friday		
Employed Boys	6.30–7.30	Junior High Girls	2.30–3.15
Men	7.30–9.00	Senior High Girls	3.15–4.15
		Grade School Girls	4.20–5.10
		Senior Girls' Hockey	5.30–6.30
	Saturday		
Junior Boys	10.30–11.30	Leaders' Corps	9.30–10.30 A. M.
Intermediate Boys	2.30– 4.00	Senior and Intermediate Girls	1.30– 2.30 P. M.
Men	4.00– 6.00		

Oakhurst Farm

Continued from page 3

in the pre-Volstead era. Whitinsville can boast of the first two, but the Editor is not so sure of the third. He believes in "Safety First" and White Mule sometimes kicks.

Volumes could be written about the horses which Mr. Lasell has raised and driven during the past twenty-five years, but due to a limited amount of space it is impossible to do so.

We understand that Jimmie Marshall has purchased some targets in the form of rabbits. While out hunting with "Sally" Jones, "Bunkie" Kearnan and Bob Ferguson recently, a couple of rabbits sat up and posed while Jimme took a couple of shots at them. Looks as though Jimmie is going to be prepared for them the next time.

Electrician (from top of building from which four wires dangled): "Bill, catch hold of two of them wires."

Bill: "Right."

Electrician: "Feel anything?"

Bill: "No."

Electrician: "Well, don't touch the other two, there's 2,000 volts in them."

—Liverpool Echo.

Collier's Magazine is conducting a campaign for safe driving. In a recent article they say "Carelessness kills, not speed." If it is true, as the Insurance people claim, that five cars out of every hundred are in accidents during the year, why not keep our cars out of the list by safe driving.

It would be well for all automobile drivers to keep in mind the following pointers on safe driving by Tommy Milton, one of America's foremost racers.

1. Learn your signals and make them carefully.

2. It is dangerous to TAKE your rights; wait for the other fellow to GIVE them to you.

3. There is danger in speeding up when a car passes you from behind.

4. Get your car entirely off the road, if possible, when stopping.

5. Consider as a possible death trap every overloaded, slowly moving truck that takes the middle of the road, instead of one side.

6. Consider as a possible death trap every roadside refreshment stand or filling station where cars stop in the road.

7. Worn tires, especially on the front wheels, are exceedingly dangerous to yourself and others.

8. Your brakes are not safe unless they will hold your car on any hill your car can climb.

9. Know how to brake your car on the engine in an extremity.

10. Too much play in your steering wheel is dangerous.

11. A spotlight on the right side of your car or dazzling lenses are dangerous.

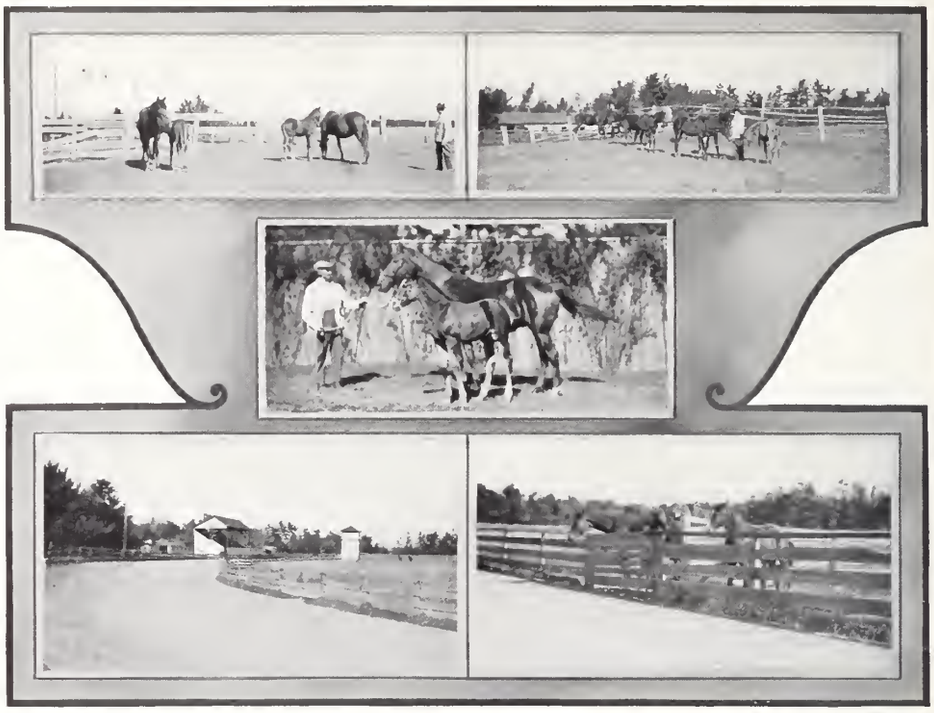
12. Remember that overloaded trucks have overloaded brakes, which cannot be efficient.

13. Keep your car locked and out of the hands of joy-riders.

14. Remember that selfishness and greed in a competent driver may be even more dangerous than the inexperience of incompetent drivers.

15. Follow the rule that it is not speed so much as recklessness that causes accidents.

16. Remember that most grade crossing accidents are caused by drivers who, in excitement of peril, stall their engines.



Views of Oakhurst Farm

Whitinsville folks see big whale at Block Island

Hospital Ward at Camp Devens

Whitinsville Golf Club

The WHITIN Spindle

Memorial Square in Winter

NOV.-DEC.
1925
Vol. 6 No. 6

Upper Left: Pat Fairfield

Upper Right: Dexter S. Goodspeed

Center: Old Experimental Room

Lower Left: Present Experimental Room

Lower Right: James Currie

The WHITIN Spindle

VOLUME 6 WHITINSVILLE, MASS., NOV.-DEC., 1925 NUMBER 6

The Experimental Room

Probably very few men in the shop know much about the work done in the Experimental Room, but it is a very important part of the Whitin Machine Works. As a show room and laboratory for making up samples it is of assistance to the sales department. As a place where new inventions and improvements may be tried out, it aids the engineering and manufacturing branches.

The first Experimental Room was a small affair on the floor now occupied by the Roll job. Mr. Oscar Owen remembers it as being in operation in 1885. Then a space was used on the floor above the present Production Office and corresponding to it in size, that is, it took in the west end of the present room and the photographic department. It was next moved to allow the Loom job to expand and occupied a wooden building west of the old foundry, where George Hanna's job is at present located. It was next moved up to the floor where the Needle and Hank Clock departments are now located. While there it was directed successively by Richard Chase and Edward Whittaker. In 1922 it was moved to its present location.

Richard Chase is now treasurer of the Shawmut Mills in Lawrence, Mass.

R. T. Comer

James Trulson

Edward Whittaker was made agent of the Whitin Machine Works in China and Japan after leaving the Experimental Room. He left the Whitin Machine Works several years ago and is now acting as foreign representative of the Universal Winding Company of Pawtucket.

Carl Dudley, a former Whitinsville boy and employee of the Experimental Room, is now agent of the Crown Manufacturing Company of Pawtucket, R. I.

The room is equipped with most of the machines built by the shop, and these are kept always up to date and ready to run. It is really a minature cotton, woolen and waste mill rolled into one.

The greater part of the work consists of carding and spinning samples of stock submitted by the mills. Specimens of the finished yarn and careful reports of the experiment are sent to the prospective customer, furnishing him with definite evidence that our machines will handle his class of work satisfactorily.

During the past year, most of the work has been on waste under the direction of Mr. R. T. Comer. It is amazing what a variety of materials, some of them most unpromising-looking, our machines will work up into satisfactory yarn. The following are some of the kinds of stock spun during 1925: American, Chinese, Egyptian, Indian and Peruvian cotton; wool, shoddy, wool noils, broken-up wool thread, brush waste, degummed jute, broken-up burlap bags, silk noils, rayon noils, flax noils, China grass, floor sweepings, card strips and fly, comber noils, cut roving, dust-house cleanings, afritis and broken-up tire cord and fabric.

Every experiment is supervised by the service expert for that class of work. Under his direction the machines are adjusted and the stock run by the experimental room force, which consists of the following men.

James Truslow, who has charge of the department, is a graduate mechanical engineer. After finishing his training at Massachusetts Institute of Technology, where he specialized in textile work, he spent a year in the Pacific Mills, Lawrence, then came to Whitinsville and worked on most of the erecting floors and in the Production Department. He has been in his present position since November 29, 1924.

James Currie, the carding specialist, erected looms in the shop for three years, spent one year on the Spindle job, and erected Cards for sixteen years. He has been connected with the experimental room for seventeen years.

Dexter S. Goodspeed, the spinning and twisting specialist, was section hand for six years in the Lockwood Mill, Waterville, Maine, and worked as second hand of spinning with the Nourse Mill of Woonsocket. He then came to the shop, worked two years on the spinning floor and twenty years on the road. He has done experimental work for five years.

Patrick Fairfield has worked in the room as general assistant since the summer of 1924.

The Christian character or balanced life means faith without credulity; conviction without bigotry; charity without condescension; courage without pugnacity; self-respect without vanity; humility without obsequiousness; love of humanity without sentimentality, and meekness without power.—*John H. Patterson.*

Artificial Silk and its Manufacture

By George Gannon

Natural silk is the product of the silkworm, which, when undergoing its metamorphosis from the caterpillar to the chrysalis stage, spins around itself a cocoon of silk. The organ which secrets the silk is composed of two openings situated at the mouth of the caterpillar. When the caterpillar is ready to spin its cocoon, this organ is full of a viscous liquid, similar to gum; this liquid flows through the glands and is drawn out to a thread of extraordinary length and hardens on contact with the air.

Artificial silk has only certain physical properties in common with natural silk and has practically no similar chemical properties. Artificial silk is simply cellulose, transformed into fine threads. Cellulose is the principal constituent of the tissues of plants and is the structural basis of the vegetable world.

The idea of producing artificial silk is by no means a modern one. Reaumer, the French physicist and naturalist said in 1754, "Silk is only a liquid gum which has been dried: could we not make silk ourselves with gums and resins?"

The discovery of nitro-cellulose really started the practical manufacture of artificial silk. In 1855 Audenars of Lausanne patented a process for transforming dissolved nitro-cellulose into fine threads which he called artificial silk. There are five different methods for the manufacture of artificial silk.

1. Chardonnet process—made from nitro-cellulose.
2. Despeissis process—formed from a solution of cellulose in ammoniacal copper oxide.
3. Viscose—made from the Thiocarbonate of cellulose.
4. Lustrous Art Silk—made from a solution of cellulose in zinc chloride.
5. Acetate silk or Celanese—made from acetic anhydride.

Chardonnet process. Wood pulp or cotton is transformed into nitrocellulose (gun cotton) by immersing in nitric and sulphuric acid. This is then dissolved in alcohol and ether. From this pulpy solution the silk is spun. A very simple apparatus is used, consisting of a number of glass tubes or nozzles, each drawn out to a capillary tube or spinnaret, with a bore varying from 0.1 to 0.2 m.m. The nitrocellulose is forced through these capillary tubes under a pressure of 853 pounds per square inch. Several of these threads are grouped together as they pass through a guide to be wound untwisted onto a bobbin—the group corresponding in count to one thread of natural silk. These threads are dried in a ventillated stove at 113° F to dispel the alcohol and ether and in drying they obtain lustre, strength and elasticity. However, the thread is still inflammable and this property is dispelled by denitrating, which consists of a bath of alkaline sulphides. The product is yellowish in color but can be bleached in chloride of lime.

Despeissis process. In 1890 a Frenchman named M. Despeissis patented this cuprammomum process. The mechanical process is similar to that of Chardonnet. The raw material is cotton and the cellulose is dissolved in ammoniacal copper oxide. This solution is forced through capillary tubes of 0.18 to 0.2 m. m. diameter, then into dilute sulphuric acid, then wound on glass bobbins. These threads are then washed in acetic acid or formic acid and dried.

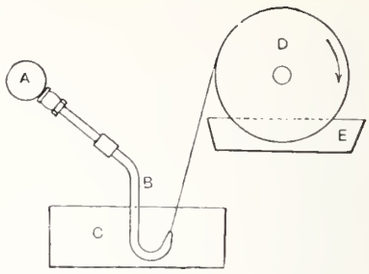


Fig. 1

Figure 1 shows a diagrammatic representation of the forming of the threads. A represents the distribution pipe containing the cuprammonium solution of cellulose under pressure where it is fed to the capillary tubes B. This tube B is the small hole or jet through which the solution is forced into the bath C, which coagulates or hardens the thread. D is the bobbin on which it is wound and E the bath of weak acid where it is washed. Figure 2 and Figure 3 and Figure 4 shows a thread-forming machine and Figure 5 shows a drawing of one of the glass tubes or spinnarets.

Viscose Process. The raw material is spruce wood pulp (freed from grease). This wood pulp is made into alkali-cellulose by treating with caustic soda and then the Viscose paste is made by mixing with carbon-disulphide and caustic soda. The machinery is similar to that which has been described.

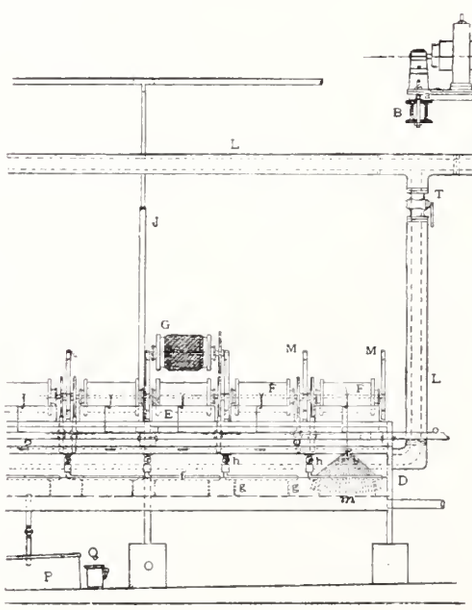


Fig. 2

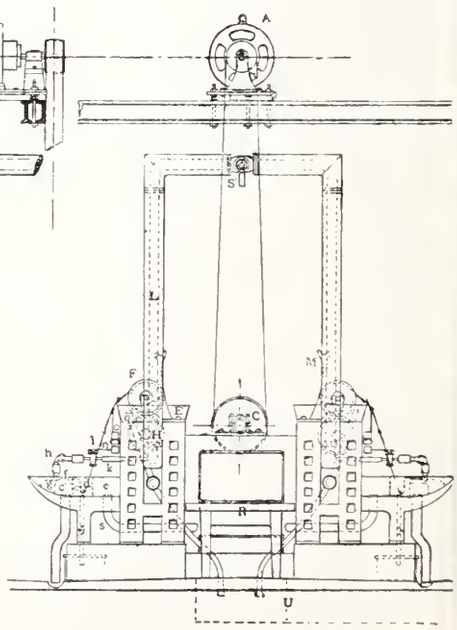


Fig. 3

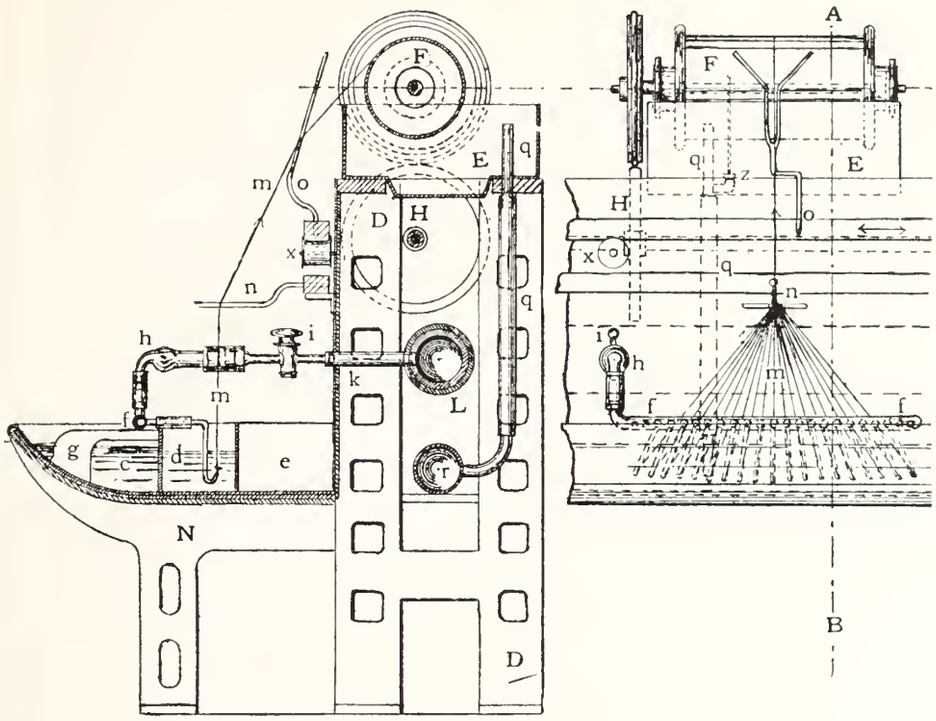


Fig. 4

Lustre Artificial Silk—is produced by a solution of cellulose in zinc chloride. The most advantageous method consists in transforming the scoured and bleached cellulose into sodic cellulose by immersing in a cold bath of concentrated caustic soda, then decomposing the sodic cellulose with water and finally in dissolving the cellulose thus obtained in concentrated zinc chloride.

Celanese or Acetate Silk, also called "Lustron." Cotton or Spruce wood pulp with acetic anhydride in the presence of a suitable catalyst makes the viscous liquid. This is then dissolved in acetate, the acetate dissolved in a mixture of organic compounds to obtain the correct degree of viscosity, and the final mixture spun by a method similar to that described.

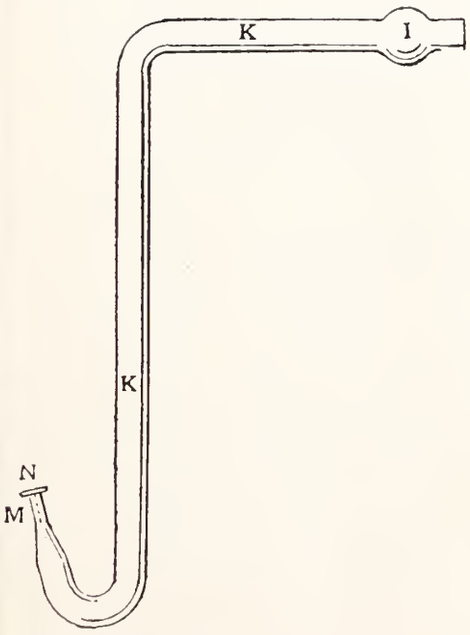


Fig. 5

Believe It or Not

The following story was brought in to us by Joseph Hall, foreman of the Nickel Plating job, and we feel that it is worth printing.

E. P. Knight of Molunkus, in the big game region of Aroostock County, is one of the characters of the North Woods. Vigorous, versatile, educated, a poet of no mean ability, and a man you are calling "Ed" the second day you know him.

He has a group of eight or nine log cabins six miles from the State highway, and entertains his visitors when sitting around the big fireplace evenings with reminiscences that are surely interesting. One was of a big rifle that was hanging on the wall with 12 or 15 others, that someone likened to a crowbar with a hole in it. Ed smiled, and said the gun had been a mascot, and told the following story about it.

One fall he had a party in his camps after deer. Game seemed scarce and wild, even the birds were too smart for the hunters, and Ed took down the old gun and said he would try to change the luck, (and all old hunters will admit that luck has a lot to do with the size of the game bag), Ed started down a stream, hunting on the edge, and finally saw a deer lying down next to a large rock, when he brought the big gun up to position, a fox came around the other side of the rock. Ed was puzzled. He wanted both, but he knew that his one shell would get but one and the other would run away, so he aimed at the sharp edge of the rock, and the big bullet split on the rock, one half killed the fox and the other half killed the deer.

The gun kicked like a South Carolina mule, and Ed standing on the bank of the stream, naturally threw the gun as far away from the water as he could. In falling the gun dropped on a rabbit and killed him. When Ed found that he was going backwards into the water he put both hands out to save himself, one hand fell onto and grasped a mink and the other grasped a muskrat. His suspenders burst in falling and his loose pants promptly filled with trout. On getting on his feet, the weight of the trout was too much for his pants buttons and one button flew off and killed a partridge that was flying by.

Luck had changed.

A street car is what there are always seats in when it is coming back from where you are going.

Try This

Motor Officer (after hard chase): "Why didn't you stop when I shouted back there?"

Driver (with only five dollars, but presence of mind): "I thought you just said, 'Good morning, Senator'."

Officer: "Well, you see, Senator, I wanted to warn you about driving fast through the next township."

—*Middlebury Blue Babbon.*

The greatest idea in the world is an empty dream until it is put to work.

An Outlook for the Year

January

The winter god has chained the babbling streams
  That lately trickled down the woody hill;
No longer can we hear their murmurings,
  Their voice is still.
For Nature, in this northern land of ours,
Must rest before she decks the fields with flowers.

February

The silent hills are wrapt in virgin white,
  The snow has drifted in the vales below,
The trees with wondrous fabric are bedight
  And chill winds blow.
But, hid from sight, new life begins to wake,
Soon Spring will burst the bonds of Winter's make.

March

The giant trees are swaying in the wind,
  Their leafless branches tossed against the sky;
Beside our fires we hear its mournful sound
  And shiver as the March wind passes by.
For Winter, in its death throes, roars and groans,
While Spring, victorious, speaks in gentler tones.

April

The sun and showers of the April days
  Have clothed again the hills with verdant green;
While here and there, amid the woodland glades,
  A violet is seen.
The streams once more sing their tumultuous song
And glint and ripple as they rush along.

May

The tender green of newly forming leaves,
  The fragrance of arbutus on the air,
The joyous chirp of swallows in the eaves,
  Building their new homes there.
All these unite in praises of the Spring
And promised joys the Summer time will bring.

June

The straggling hedgerows, void of watchful care,
  By June's rose-laden hand are beautified;
Upon the crumbling wall so old and bare,
  With gentle touch the ivy tendrils glide.
The droning flight of bees among the flowers
Is heard throughout the glowing summer hours.

July

In some old-fashioned garden, trimly set,
  The hollyhock has reared its stately head;
And scarlet poppy, pinks and mignonette
  Add their sweet charm to the box-bordered bed.
The daisy's star-like flower can be seen
Amid the fields of nearly ripened grain.

August

There is a lake with many a sheltered bay,
  Where drooping branches bend to meet the tide;
Here oft, upon a sultry August day,
  Our light canoe with steady stroke we guide.
Then float and listen to the murmuring trees,
The leaves' soft answer to the wooing breeze.

September

The yellow grain, which glimmered in the sun,
  Has fallen to the scythe's persistent swing,
The luscious berries ripen one by one,
  And rosy apples now are mellowing.
The daisy long has gone, but in its stead
The goldenrod now flaunts its tasseled head.

October

Red, and gold, and brown and deepest green,
  A gorgeous pageant waits our eager gaze.
O! Let us see whatever can be seen,
  For all too soon must pass these autumn days.
The squirrels now are busy with their stores,
Providing food for winter's cloistered hours.

November

The rainbow hues, which lately charmed the eye,
  Have gone; but yet in some secluded glade,
The hardy gentian bravely rears on high
  Its fringéd azure head.
A touch of winter seems to chill the air
And falling leaves are scattered everywhere.

December

Again the snow has fallen, and the air
  Is merry with the sound of dancing bells.
Now all the trees upon the hills stand bare,
  Like giant sentinels.
And helpful hearts and hands are seeking still
To spread abroad the Message of Good Will.

William E. Balmer

Fifty Year Veteran Dies Suddenly

Another of our fifty year veterans was lost to us by death on Monday, November 2, when William E. Balmer passed away. Mr. Balmer had gone to Hartford, Conn., to spend the winter months with his daughter, and died suddenly on the evening of his arrival.

Mr. Balmer came to this country from Ireland at the age of nine. Previous to entering the Whitin Machine Works in September, 1860, Mr. Balmer was employed at the cotton mill, and prided himself on the fact that he had been employed by the Whitin family for over sixty years.

He entered the foundry of the Whitin Machine Works in September, 1860, and served his apprenticeship as a moulder. With the exception of several dull periods, when it was necessary to close the shop, Mr. Balmer was continuously employed either in the foundry as a moulder or in the core room. Mr. Balmer retired from active service in the shop in June, 1923.

Card of Thanks

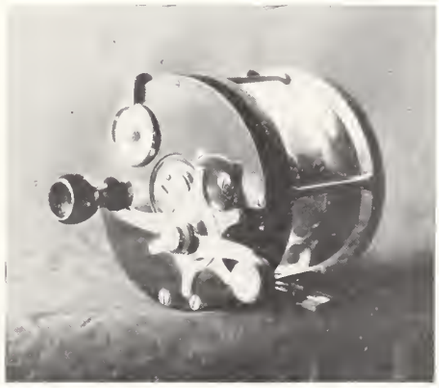
We wish to express our thanks and appreciation to the shopmates who so kindly sent the beautiful floral piece in remembrance of our father.

Mrs. W. R. Sharp,
Robert R. Balmer,
John T. Balmer,
W. Edward Balmer.

The Call of the Southland

Whether it was the promise of an unusually cold winter or the fear of an inadequate supply of anthracite coal, or just the lure of the southland, no one knows positively; perhaps a combination of all these motives has induced Mr. L. H. Horner, designer and draftsman, to desert this land of snow and ice for one of rattle snakes, fleas, real estate agents, and perpetual summer.

Mr. Horner entered the service of the Whitin Machine Works in September, 1910, and has worked in the Drafting Room since that time. In addition to his regular work he has contributed many cartoons to the Spindle which have been commented upon widely. Our cover page was designed by him.



In his leisure moments he has been a keen sportsman, fishing all the streams and ponds in this vicinity. His friends in the Meadow View Gun Club will miss him at their occasional banquets. He was a noted consumer of the far famed Boston baked bean.

Mr. Horner was presented a very beautiful Tarpon Reel, a picture of which is shown herewith, by his associates in the Engineering Department. He goes to his new home with the heartfelt good wishes of his many friends and business associates, in which the Spindle most enthusiastically joins.

On the Inside Looking Out

Carl: "Still, in spite of what you say, I think marriage is a pretty good institution."

Corlotte: "Yes, but who wants to live in an institution?"

—*Princeton Tiger.*

Alfred White

Drafting Room Loses Member

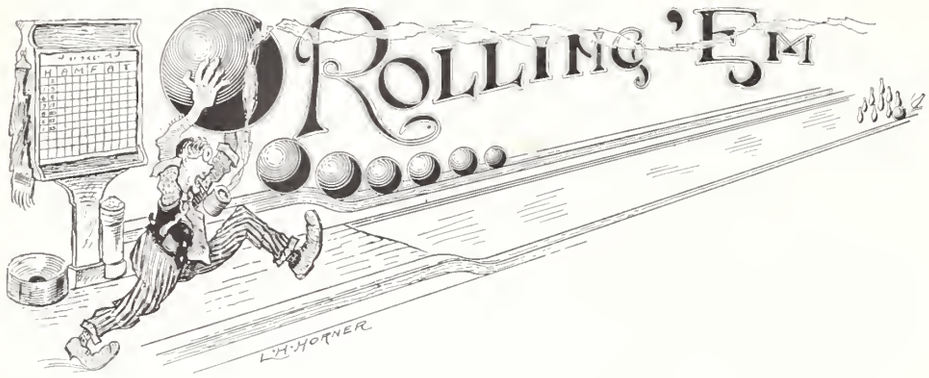
The many friends of Alfred White of the Drafting Room were sorry to hear of his death at the Whitinsville Hospital on Monday, December 7. Mr. White entered the employ of the Whitin Machine Works in September, 1917, and was employed in the Drafting Room continuously from that time until the time of his death.

We were sorry to hear of the death of John Stromberg of the Flyer job at his home on High Street, on Monday, November 30, after a short illness.

Mr. Stromberg entered the Whitin Machine Works in April 1910, starting on the Flyer job, and was employed there up to the time of his death. Our sympathy is extended to his family.

We understand that the employees of the garage and outside yard are well satisfied with a new brand of handkerchief which "Dewey" Veau has put on the market. Handkerchiefs always come in handy as Christmas presents.

The one thought and ambition of every college man should be to be a public official without vice, a private citizen without wrong, a neighbor without reproach, a Christian without hypocrisy, a man without guile, submissive to law, obedient to authority, thoughtful, kind and, above all, loyal to country and self.—*Attorney General Sargent.*



Office Bowling League Opens Season

The Office League opened its season on Wednesday evening, November 4. The League is composed of four teams and all matches will be rolled on Wednesday evenings, the first at 7.00 and the second at 8.15 p. m.

Candle pins are being rolled in place of duck pins this year, for the first time since the league was organized, and the averages, in most cases, are higher than in past years.

In the first match of the season Team No. 2, under Captain Foley, defeated Team No. 1 under Capt. Cain, 5 to 2, taking the first, fourth and fifth strings and the total pinfall. Frank Parcher of No. 2 team was high man for the night with a total of 471 and a single string of 117.

Team No. 4 under Capt. Harold Johnston defeated Team No. 3 under Capt. Jas. R. Ferry in the second match, 4 to 3, winning the first and fifth strings and the total pinfall, the latter by the close margin of four pins. Tom Crawford had the high total in this match with 494.

On Wednesday evening, November 11, Team No. 2 defeated Team No. 4 5 to 2, winning the total pinfall by six pins. Everett Johnston gave the bowlers something to shoot at when he rolled 127 in his fifth string.

Team No. 3 was shut out in the second match of the evening, Team No. 1 taking all seven points. Minshull of the losing string was high man with a five string total of 523. His strings were 95, 127, 117, 100 and 94. Other good strings were turned in by Cain, with 117 and 116, and McGoey and Hamilton with 113 and 114 respectively.

On November 18, Team No. 2 defeated Team No. 3 by the score of 5 to 2. Benner of No. 2 team was high man with a five string total of 516 and single strings of 120 and 112. Wild tied the individual string record of Everett Johnston's when he hit 127. In the second string Team No. 2 had a team total of 511.

In the second match of the evening, Team No. 3 kept up its losing streak, dropping five points to Team No. 2. Capt. Ferry says his team is due to make a comeback soon.

Team No. 2 suffered its first defeat of the season on Wednesday, December 2, when it lost five points to Team No. 1. In losing this match it relinquished its hold on first place.

The best bowling of the season was done on Wednesday evening, December 9, when new records were established for the high single and high five string totals. In the first match Team No. 3 defeated Team No. 1, incidentally their first win of the season, 6 to 1. This match was featured by the bowling of Minshull, who had a five string total of 493 and single strings of 101, 110 and 106.

In the second match Team No. 2 defeated Team No. 4, 5 to 2, winning the total by five pins. In this match Wild established the new record for the high single string with 134, and Harold Johnston, Captain of the losing team established a five string record for the bowlers to aim at when he hit 524. His strings were 106, 100, 100, 115 and 103.

League Standing

	W	L	%	Pinfall
Team No. 2	21	14	.600	11,229
Team No. 1	19	16	.543	11,154
Team No. 4	12	16	.429	9,008
Team No. 3	11	17	.393	8,977

Individual Averages

Minshull	98.1	Lamb	90.2
Benner	94.6	Foley	90.1
Cain	94.3	McGoey	88.7
Crawford, T.	94.2	Driscoll	87.5
Johnston, H.	93.7	Dalton	87.5
Noble	93.1	Crawford, H.	86.5
Wild	92.0	Ferry	86.1
Hamilton	91.0	Johnston, E.	85.1
Connors	90.6	Wood	79.7
Parcher	90.3		

High Five Strings

Johnston, H.	524	Wild	501
Minshull	523	Cain	494
Crawford, T.	494		

High Single Strings

Wild	134	Driscoll	117
Johnston, E.	127	Johnston, H.	115
Minshull	127	Hamilton	114
Benner	120	McGoey	113
Parcher	119	Benner	110
Cain	117		

Tie for First Place in Shop Bowling League

The Shop Bowling League opened its season on Monday evening, October 26, at the Pythian Alleys. The league is composed of four teams this year, the Down Homers and Garage having dropped out.

As we go to press the Bolsters and Speeders are tied for the lead with the Cards two points in the rear. The Yard team, last year's champs, are holding down the cellar position but should improve its standing before the finish of the season.

Hall of the Card team is leading the league with an average of 96.5 while Wentworth of the Bolsters has the high single string with 121, and Walsh of the Cards the high three string total with 307.

On the opening night the Cards took four points from the Yard team, winning the last string by a few pins, and the Bolsters took all four points from the Speeders.

On Monday, November 2, the Yard team dropped four more points, this time to the Speeders. Bailey and Connors of the Speeders turned in three string totals of 305, with single strings of 113 and 120 respectively.

The Bolsters defeated the Cards 3 to 1 on the same evening. Wentworth of the Bolsters hit 121 in his first string and a three string total of 291.

On Monday, November 9, the Speeders defeated the Cards 3 to 1. Bart Connors of the Speeders was high man for the evening, having a high single string of 109 and a three string total of 286.

The Yard team won its first match of the season on the same evening, defeating the Bolsters 3 to 1.

On November 16 the Bolsters defeated the Speeders 3 to 1, and in so doing turned in one of the best totals to date, with Wentworth, Magill and McCracken turning in totals of 294, 293 and 280 respectively. For the Speeders, Joe Hall's single of 119 was the best of the evening.

On the same evening the Cards took four points from the Yard with a team total of 1434 or an average of 95.6 for the evening. Hall and McQuilken had three string totals of 298 and Walsh 307.

On Monday, November 23, the Bolsters were defeated by the Cards 3 to 1, and the Yard continued on its losing streak, losing to the Speeders 3 to 1.

The Yard team won its second match of the season on Monday evening, December 7, defeating the Cards 3 to 1. Camp of the Yard team was high man for the evening with a three string total of 304 and a single string of 110.

By taking three points from the Bolsters on the same evening, the Speeders succeeded in tieing that team for first place. Godbout and Joe Hall were high men for the Speeders with totals of 297 and 291. Peltier of the Bolsters had the high single string of the evening with 117.

League Standing

	W	L	%	Pinfall
Bolsters	17	11	.607	9,326
Speeders	17	11	.607	9,406
Cards	15	13	.536	9,334
Yard	7	21	.250	9,285

Individual Averages

Hall, W.	96.5	McQuilken	89.8
McCracken	93.6	Peltier	89.4
Campo	92.9	Nash	88.5
Walsh	92.6	Young	88.5
Bailey	92.5	Crawford, H.	88.0
Wentworth	92.2	Boyd	87.1
Connors	91.5	Crawford, T.	86.6
Davidson	90.6	McGuinness	86.4
Hall, J.	90.5	Wood	84.1
Godbout	90.3	Gahan	83.5

High Three Strings

Walsh	307	Campo	304
Bailey	305	Godbout	297
Connors	305	Wentworth	294
Magill	293		

High Single Strings

Wentworth	121	Bailey	113
Connors	121	Crawford, H.	112
Magill	120	Campo	110
Hall, J.	117	Nash	109
Walsh	117	Boyd	108

Interesting Meets Planned for Winter Months

Representatives of the Brookline Boys Club, the Pawtucket Boys Club, the Worcester Boys Club and the Whitin Community Association met at the George Marston Whitin Memorial Gymnasium on Monday evening, November 16, and arranged home and home swimming meets open to boys fifteen years of age and under, during the winter months.

The meets will include the following events and will be scored on a 5, 3 and 1 point basis, with the exception of the relay race; Diving; front dive, back dive, front jack, back jack and one optional dive. Swimming; 20 yard free style, 40 yard back stroke, 40 yard free style, 40 yard breast stroke and 80 yard free style.

A boy may compete in only two events, including the relay race, and no team may enter more than two swimmers in any one event.

Do You Know

That 21,000,000 letters went to the Dead Letter Office last year?

That 803,000 parcels did likewise?

That 100,000 letters go into the mail yearly in perfectly blank envelopes?

That $55,000 in cash is removed annually from misdirected envelopes?

That $3,000,000 in checks, drafts and money orders never reach intended owners?

That Uncle Sam collects $92,000 a year in postage for the return of mail sent to the Dead Letter Office?

That 200,000,000 letters are given this service, and that it costs in one city alone $500 daily?

And Do You Know

That this vast sum could be saved and the Dead Letter Office abolished if each piece of mail carried a return address, and if each parcel were wrapped in stout paper and tied with strong cord?

Moral: Every man knows his own address if not that of his correspondent. PUT IT IN THE UPPER LEFT HAND CORNER.

West End School Soccer Team, Champion of Graded Schools

Activities at Whitin Community Association

The two big meets for Senior Swimmers will include the 220-yd. Breast Stroke Senior Championship for Men, and the 100-yd. Senior Championship Free Style Race for Women.

This latter race should be the most interesting of the season to all swimming enthusiasts in this section of Massachusetts. Especially to Worcester, and Whitinsville Fans for Worcester will undoubtedly enter the reliable Delma Carlstrom, while Whitin Memorial Pool will have Margaret McSheehy to carry the colors. Whoever wins will have to swim and swim hard. No lover of keen competition in sport should miss this race.

For the last month and a half the girls on the Swimming Team have been working hard to get in condition for the coming season. The first Meet of the season will be with the Worcester Girls on December 12. Not knowing what the result of it will be we cannot say. However, with our very good swimmers of last year's Team plus our new ones this year, the outcome of future Meets as well as this one looks decidedly promising.

Following is the list of girls on the Team: Margaret McSheehy.

It is certainly fitting that her name be mentioned first because of her excellent help to the team in the past.

Joan McSheehy, Josephine Belanger, Marion Bogie, Constance Gough, Agnes Donahue, Constance McSheehy, Veronica Kane.

We are very glad to welcome as new members of the Team: Elizabeth Casey, Mary Stevens, Marion Hickox, Louise Stimpson.

These new members are doing exceptionally well considering the short time they have spent, not only on speed swimming, but any kind of swimming. The dates for future Meets with other outside Teams have not been decided upon as yet.

Do you hang carefulness in your locker with your overalls or do you carry it with you always?

WHITIN MEMORIAL GYMNASIUM STAFF
Front Row, left to right: M. J. Brines, Thos. Colthart, Fred Hathaway, Jas. Davidson, Edw. M. Fisher,
Back row, left to right: Miss Ruth Calhoun, Miss Catherine Van Dyke, Mrs. Collins

Prospects Good for Fast Basketball Team

Candidates for the Whitin Community Association Basketball Team were called out early in November and strenuous practice sessions have been in order since that time under the direction of Coach Fisher. About twenty candidates reported for practice and from that number two teams have been picked to represent the Association during the season.

At present the first team is made up of Newell Wallace, Byron Taft, Mike Jackman, Eddie Connors, Jack Bogie and Eddie Ballard of last year's team and Jack Trinnier and Bill Kearnan of last year's high school team. On the second team are "Zebe" Smith and O'Connell of last years team and Ynte Postma, "Necco" Brown, Jimmie McQuiggan, "Choo Choo" Carr and Mark Patterson.

Eddie Connors has been elected Captain of the first team, succeeding Harold Johnston, who has decided not to play the game this year.

The opening games of the season was played on Saturday night, December 5, the second team playing the Whitinsville Independents and losing 36 to 14. The second team will tackle few stronger teams than the Independents during the course of the season.

The first team took on the Whittall team of Worcester and defeated that organization 36 to 13. Considering that this was the first game of the season, the team made a good showing. There are a few rough spots to be polished off which a few practice sessions will take care of. Mike Jackman, with seven or eight baskets from the floor, was easily the star of the game, while Trinnier played a good game at guard.

Hughie Currie is Manager of the team this year and is busy arranging a schedule that will bring some of the best teams in this section to Whitinsville. Harold Kelliher, assistant manager, is arranging a schedule for the second team.

On January 30 the Life Saving Squad will send a Team to Boston to compete in the big meet for the American National Red Cross Life Saving Corps Championship of New England.

Take anything good but don't take chances.

Tentative Basketball Schedule Subject to Change

Dec. 26. Brockton
Jan. 2. Worcester Boys Club
Jan. 6. Lynn Y. M. C. A. (pending)
Jan. 9. Crompton & Knowles
Jan. 16. Pawtucket Boys Club
Jan. 23. Open
Jan. 30. Lynn Y. M. C. A. (pending)
Feb. 6. Worcester Boys Club(away)
Feb. 10. Worcester Y. M. C. A.
Feb. 13. Fall River Boys Club (pending)
Feb. 17. Pawtucket Boys Club (away)
Feb. 20. Pending
Feb. 27. Pending
Mar. 6. Worcester Y. M. C. A. (away)

Swimming Instruction Open to the Public Week of January 19

During the week of January 19, Captain John Manning of the Humane Society, will be in Whitinsville to instruct in swimming.

The Whitin Community Association feel that everyone should have the privilege of receiving the splendid instruction in swimming which Captain Manning is capable of giving. Therefore, it has been decided to allow everyone in the town of Northbridge to come to the Whitin Memorial Pool, at the hours which Mr. Manning will designate later.

The only charge will be the regular charge for towels.

New Physical Director is Appointed

Mr. Edward M. Fisher, the new Physical Educator for men at the Whitin Memorial Gymnasium, has already won the confidence and respect of the men by his quiet and efficient manner.

He comes to us with a splendid equipment, having been an athlete all his life. In aquatics he specialized in diving and swims the 100-yd. Free Style. As a basketball player he has

Edward M. Fisher

gained considerable reputation, playing with the professional Reading Team, coaching for three years at Mount Hermon Academy where he also acted as assistant in the Gymnasium the last two years of his course.

Mr. Fisher then went to the Springfield Training School, recognized as the leading school in the country for the training of physical educators, where he distinguished himself in basketball and acted as a swimming instructor.

During the war he served in the U. S. Army. Its close found him in Coblenz with the Army of Occupation and he remained abroad for four years acting as a specialist in Physical Education. Here he made an excellent record doing some brilliant work in the School for Non-Commissioned Officers.

Mr. Fisher had a splendid experience in assisting the American Relief work at Smyrna. Last year he did graduate work in Physical Education and Administration at Harvard University.

At the time of Mr. Fisher's acceptance of the position at the Whitin Memorial Gymnasium he was offered two other positions in school work in New Jersey.

Mr. Fisher's work with the Basketball and swimming Teams has already proved that he is a coach of unusual ability.

Boy Rangers Troop Organized at Gymnasium

Through the interest shown by M. J. Brines, Executive Secretary of the Whitin Community Association, Fred Hathaway has been able to organize a troop of Boy Rangers, an organization taking in boys between the ages of eight and twelve.

It is a known fact that at this period of youth, playing Indian is the one game that seems to have an irresistible and universal appeal. Knowing this fact has led to a program based on Indian lore, from the habits, customs, games and codes of aborigine Americans.

Indian lore is Indian wisdom. The Indian, through his intimate contact with nature, absorbed the elemental principles of right living. These truths are trying to be made attractive to boys, with what may be termed paint and feathers, and through their influence boys of tender ages are taught habits of trustworthiness, self-reliance, observation, courage, honesty, cleanliness, kindness and helpfulness.

There are four degrees in the Rangers, namely Papoose, Brave, Hunter and Warrior. Advancement is attained through right conduct and the passing of tests appropriate to the assumed development of the young Indian. Each of the grades carries an insignia to be worn by the Ranger of that degree. There are twelve Golden Feathers to be won by various acts of service, corresponding to the twelve tail feathers of the golden eagle.

The Boy Rangers meet at the Whitin Community Association every Saturday afternoon, at 2.00 P. M., and all boys between the ages of eight and twelve are invited to attend.

Not if He's a Good Shot

"Do you think he will miss me," sang the entertainer in a cracked voice.

"If he does he ought never to be trusted with a gun again," shouted one of the irate audience.

A man loses his hair long before he loses his vanity.

Soccer Team has Poor Season

The Whitin Machine Works soccer team of the Triangle Industrial League has had one of the poorest seasons since joining that organization. The team succeeded in winning but one of its regularly scheduled games, tied two and lost four. The team has one more game to play, a return game being scheduled for Vail Field with the Draper team.

When the Norton team defeated the Whitin team on Saturday, October 24, they practically clinched the pennant, but made it sure on the following Saturday when they defeated the Draper Corporation.

The Whitin-Norton game at Worcester on Saturday, October 24, was a closely contested game, more so than the score of three to one would indicate. Eddie Nuttall put Whitins in the lead with a goal in the first half, which ended 1 to 0 in our favor. The Norton team showed a complete reversal of form in the second half and scored three goals in rapid succession which proved to be enough to win the game. The line-up for Whitins was Lightbown, goal, Davidson, J. right back, McFarlane, left back, Holmes, left half back, Jardine, center-half back, Cowburn, right half back, Smith, outside left, Davidson, Jimmie, inside left, Nuttall, center forward, McCracken, inside right and Jackson, outside right.

In a return game at Vail Field on Saturday, October 31, the Norton team again defeated Whitins, this time by a score of 5 to 2. Superior work on the part of the Norton forward line and a strong defence accounted for the win. Jimmie Davidson and Radcliffe scored the goals for Whitins. Holmes, Cowburn and Jackson were the outstanding players for the home team. The home team's lineup was McCracken, goal, Davidson, left back, McFarlane, right back, Holmes, left half back, Jardine, center half back, Cowburn, right half back, Smith, outside left, Radcliffe, inside left, Nuttall, center forward, Lightbown, inside right and Jackson, outside right.

Two games were played during the week of the twenty-eighth, one with the Scandinavian B team of Worcester and the other with the American Optical Company in Southbridge. The boys succeeded in defeating the Worcester team 3 to 2, but dropped their second game of the season to the Optical team, 5 to 2.

Due to the inability of the regular goal tender to play in the Norton game at Worcester, Frank Lightbown acted as goal tender. This was the first time Frank ever played this position, and the boys informed him that they hoped it was his last appearance in that position. Evidently Frank played a good game.

Bill Radcliffe made his first appearance in a Whitin uniform on Saturday, October 31. Previous to that time Bill had been acting as a league referee. Bill, we have been told, is a good referee.

The boys have high hopes of defeating the Draper Corporation team in their remaining league game. This game is to be played at Vail Field.

Suitor: "Mr. Perkins, I have courted your daughter for fifteen years."

Perkins: "Well, what do you want?

Suitor: "To marry her."

Perkins: "Well, I'll be darned, I thought you wanted a pension or something."

—Exchange

High School to Play New York Team January 1

The Scoharie High School of Scoharie, New York, which plays the Northbridge High School Basketball Team at the Whitin Memorial Gymnasium on New Year's Night, has made a fine record in its trips to the East. Last year they played Norwood's fast team. It was a very tight game, Norwood winning by a narrow margin. The interest created in this game has won for them the return game this year with Norwood.

Scoharie is a town with a splendid community spirit and the boys of the Team are given a trip East to the historical points in New England as a part of their reward for good sportsmanship and loyal effort.

A fast game is anticipated and especially interesting because it should show two different styles of play.

Formerly Done With a Club

"How much are yer fish, Mr. Goldstein?" "Eight cents a pound, Mrs. O'Brien." "I'll take two of thim. How much will they be?" "Let's see. Eight pounds—eight times eight are eighty-four. Take 'em for seventy-five cents, Mrs. O'Brien." "Thank ye, Mr. Goldstein, I'll do that. Ye're always good to the Irish—I'll say that fer ye."

—The Mill.

The Elm Tree Club

Resolved—That we, the members of the Elm Tree Club do hereby express our disapproval of the destruction of our "old homestead" at the hands of the Tree Warden.

(Signed) The Members.

This resolution was unanimously passed at a meeting of the club held just before the large elm tree at the foot of Forest Street was removed. Since 1882 the club, started by the late John T. Brown, A. R. Fletcher and James R. Ferry, held daily meetings under this tree during the noon hour. Soon the membership increased until the numbers were too great to be sheltered under the historic elm. Many heated discussions were held, and political reputations made and unmade.

The removal of the tree may be an advantage, so far as the safety of auto drivers is concerned, but after forty-three years close association, its passing seems like the loss of an old and dear friends.

No new quarters have as yet been secured for the club. Perhaps the members feel that the time when their tree fell before the woodman's axe should also see the termination of this unique and valued adjunct to our Community life. We hope not. Such an organization should be perpetuated so long as citizens run for office and government by the people continues to endure.

ELM TREE CLUB 40 YEARS AGO
John T. Brown and A. R. Fletcher

A moment of carelessness may mean a lifetime of regret.

"Showers"

Miss Jesse De Boer of the Production Department was presented with a floor lamp by the young ladies of the offices at a shower held in her honor at the social rooms of the Whitinsville Fire Department on Tuesday evening, November 13.

Among those present were Alma Bassett, Alice Ferguson, Marion Wood, Irene McCool, Mrs. Allan McCrea, Isabelle Hamilton, Catherine Scott, Catherine Munt, Mrs. Raymond Barlow, Jane Currie, Helen Cotter, Lucia Bates, Margaret McKaig, Ethel Kenney, Nellie Vail, Mrs. Hamblin Sylvester, Mrs. George B. Hamblin, Florence Baldwin, Mary Cook, Susan Pollock, Eva Feen, Mary Britton, Doris Aldrich, Helena Roche, Dorothy Vanderschaft, Betty Graham, Mrs. George Bliss and Gwendolyn Searles.

Mrs. Gertrude Barlow was presented with a beautiful floor lamp on Tuesday evening, November 13, by the girls of the offices, at the social rooms of the Whitinsville Fire Department, in honor of her fifth wedding anniversary.

Think of yourself and the doctor won't have to think of you.

Be not minute wise and life foolish.

A Tough Witness

A young foreign-born was being tried in court, and the questioning by the lawyer of the opposite side began:

"Now, Lasky, what do you do?"

"Ven?" asked Lasky.

"When you work, of course," said the lawyer.

"I work."

"I know," said the lawyer, "what at?"

"At a bench."

"Ah," groaned the lawyer, "where do you work at a bench?"

"At a factory."

"What kind of a factory?"

"Brick."

"You make bricks?"

"No, de factory is made of bricks."

"Now, Lasky, what do you make in that factory?"

"Four dollars a day."

"No, no; what does the factory make?"

"A lot of money, I tink."

"Now listen; what kind of goods does the factory produce?"

"Ah," said Lasky, "good goods."

"I know, but what kind of goods?"

"De best."

"The best of what?"

"De best there is."

"Of what?"

"Of dos goods."

"Your honor," sighed the lawyer, "I give up."

—*Youngstown Sheet & Tube Bulletin*

Golfers or Goofers?

On any pleasant Saturday or Sunday afternoon during the months of October and November, the residents of New Village living near Vail Field had the opportunity of witnessing some thrilling golf matches between Daniel C. Duggan, foreman in the Outside Yard force, William Walsh of the Roll job and Jeremiah Haggerty of the Foundry. The trio have a private three hole course on Vail Field and, we understand, are becoming quite proficient at the game. We understand that Jack Shaw is contemplating taking up the game in the Spring. Par for the course is twenty, and it has been broken on numerous occasions.

Swimming Schedule

Boys' Senior Swimming Team have dates pending with:

Gardner at Gardner in April.
Gardner at Whitinsville in April.
Brookline.
Worcester Boys' Club.
Pawtucket.

Also with two High Schools. Cambridge and Rindge High School of Cambridge.

The schedule for the Boys' Junior Swimming Team is as follows:

Dec. 12—Brookline at Whitinsville
Dec. 23—Brookline at Brookline
Feb. 6—Worcester at Whitinsville
Feb. 20—Pawtucket at Whitinsville
Feb. 27—Worcester at Worcester
Mar. 13—Pawtucket at Pawtucket
Apr. 3—Boston Boys' Club at Boston
Apr. 17—Boston Boys' Club at Whitinsville

Dates with the Juniors Boys' Team of the Metropolitan Swimming Club have not yet been arranged.

Two Junior Men's Championships, the 100-yd. Breast Stroke and 100-yd, Free Style will undoubtedly be swam in the Whitin Memorial Pool.

Holding His Own

First Steno—I saw you out auto riding with a gentleman, and he appeared to have only one arm, is that all he has?

Second Steno—Oh, no, the other was around somewhere.

Upper left: Wrecked German Plane.
Lower left: Detention Camp.

Upper right: Part of the Rhine.
Lower right: Captured German Planes

The entertainment committee has secured Joe Herlihy's Venetian Garden orchestra for the dance on Wednesday evening, December 30. This orchestra is one of the best in the business, having played at the Venetian Gardens in Montreal, Lyonhurst's at Marlboro and is at present at the Music Box in Boston. This is one of the best dance orchestras which has ever come to town and the entertainment committee is to be congratulated on securing such a good orchestra.

Some time ago Sally Jones, hunter, fisher and baseball player of the Pattern Loft, told Jack Jowett if he ever had the chance to partake of a nice dish of woodcock never to pass it up. Jack took in a football game one Saturday in November and following the game decided to look around for a place to eat. After finding a place Jack looked over the bill of fare and noticed that Sally's favorite dish was on the list. He immediately recommended the dish to his friends on the strength of Sally's statement and the order was soon placed. Imagine his surprise when that well known dish "scrambled eggs" was placed before him. Sally thinks someone else got the woodcock by mistake, but Jack says he is off it for life.

Safety is a habit; cultivate it.

The above pictures were brought in by Edward Kane of the Screw job, and were taken while he was in the service in Spain and France during the world war. Mr. Kane served in the 101st Flying Corps which was attached to the Yankee Division. He was later attached to the fourth Army Corps and also spent some time with the Army of Occupation in Germany.

Previous to entering the service Mr. Kane was employed in the shop, and returned to his old job here on receiving his discharge.

John Spencer, foreman of the Piping department, recently returned from Tampa, Florida, where he had spent a few weeks looking over some property of his in that section. Jack says business is booming there and that numerous tent colonies have appeared due to the influx of people from all sections of the country.

While in Florida, Jack made a call on Harry Hazelton, formerly foreman of the Electrical department, and reports that he is looking healthy and prosperous.

Jack was much impressed with what he saw of Florida but says that he is very well satisfied with New England.

An optimist is a cross-eyed man who is thankful he is not bowlegged.

Harold Cummings gets 250 Pound Buck

Harold Cummings of the Tool job was the first hunter in town to meet with success during the open season on deer. He set out bright and early Monday morning, December 7th, together with Bill Britton of the Electrical department, and at half-past seven or near that hour, he brought down a 250 pound ten prong buck.

We understand that Sally Jones had his address on the tail of this buck but evidently he overslept that morning.

Junior Girls Swimming Team Formed

A Junior Girls' Swimming Team has been started for the first time. Barbara Greenwood, Millicent Cramp, Claire Walker and Ula Hanny are the only four who have qualified for the Team as yet, but several are working hard with that end in view. Our hope for future champions rests on these girls and others who will soon be like them. Some of the Intermediate Girls will have to look to their laurels because one or two of these Juniors are fast catching up to them, if they are not already there.

First row, left to right: Graham, Horan, Bazner, Liberty, Walker, Brines, Redmond, Pilebosian, Capt. elect. Second row, left to right: Buma, Melia, Stevens, Jones, Cambo, Asdikian, Kelliher, R. Sullivan, Johnston, McGuinness, Lamb. Third row, left to right: J. Sullivan, Garabedian, Driscoll, asst. mgr., Bedford, Mgr., Bigelow, Capt., La Plante, Coach, Marshall, Currie, Asst. Mgr., McClellan.

"A Trip Through The Whitin Machine Works"

The souvenir booklet of the above title can be bought for $1.50 by anybody. Get in touch with Mr. Meek in the Pay Roll Department.

January 1. Basketball Game

Northbridge High School versus Scoharie High School of Scoharie, New York.

High School Team has Successful Season

The Northbridge High School football team completed another successful season on Saturday, November 14, when it defeated the Bartlett High team of Webster, in Webster, by the decisive score of 24 to 0, outclassing the home team throughout.

Although handicapped by the loss of a number of stars from last year's team, Coach LaPlante succeeded in moulding together a team which gave a good account of itself, winning seven games, losing one and tieing another. The team will be hard hit by graduation, losing Capt. Bigelow, Horan, and McClellan from the line and Graham, Liberty, Campo and Sullivan from the backfield.

The personnel of the Boys' Swimming Team Squad (15 years of age and under) is as follows: William Baszner, William Brines, Arthur Broadhurst, Geoffrey Gough, Jack McSheehy, Leland Metcalf, Eric Jackson, Buddy McSheehy, Murray Stevens, James Bollivar, Harry Drinkwater.

A highbrow is a man educated beyond his intelligence.

Views of Pollock River in New Brunswick, taken by Claude Gilson, foreman of the Oil Room

Peter Lemoine

Our Long Service Series

Peter Lemoine of the Foundry has joined our group of forty-year service men, having completed forty years in July of this year.

Mr. Lemoine entered the Whitin Machine Works in 1885 and was first employed pegging cylinders under George Armsby in the Carpenter Shop. He was later transferred to the Milling job under Leslie Wade and from there to the outside yard under Henry Cook, where he worked as a teamster. After a few years in the yard he was transferred once more, this time to the Spindle job under Henry Woodmancy. From there he went to the Foundry, where he worked for Cole, Lincoln and the present foreman, C. T. Moffett. He was later transferred to the Carpenter Shop and in February of this year was transferred back to the Foundry, and is at present in charge of the men on the stack.

FOUR GENERATIONS OF THE GRAVES FAMILY
Benj. R. Graves, one of the fifty-year men of the Whitin Machine Works; Henry A. Graves, son; Mrs. Hazel Graves Kelly, granddaughter; Leonice May Kelly, great granddaughter.

The above puzzle was contributed by Yelle Hooyenga of the Drafting Room

"Choo choo" Carr's "All American" Team

All For One Cent

An old English lady looked out of a car window as the train drew into the station, and, hailing a little boy, said:

"Little boy, are you good?"

"Yes'm."

"Parents living?"

"Yes'm."

"Go to Sunday School?"

"Yes'm."

"Then I think I can trust you; run with this penny and get me a bun, and remember God sees you!"

—*Ex.*

Keep moving. The place for statues is in the park.

"Choo choo" Carr taking up the Scotch game under "Necco" Brown's instruction

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